

King Powder

联锆粉体



The
source
of
colorfulness
and
charm

炫彩魅力之源



致力于全球领先粉体材料的创新及研究

COMMITTED TO INNOVATION AND RESEARCH OF WORLD-LEADING POWDER MATERIALS



King Powder
联锴粉体

匠技匠心

PROFESSIONAL EXPERTISE TO CRAFTSMANSHIP

至诚至精

SINCERE COLLABORATION TO POSSIBILITIES

工厂信息

About Factory

占地面积50亩

35,000m² area

ISO 9001质量管理体系

ISO 9001 Quality Management System

SA8000社会责任标准

SA8000 Social Accountability Standard

多个高标准生产车间和多条高标准生产线

High standard production workshops and production lines

专业的研发和检测团队，3500m²实验室场地

Professional R&D and testing team, and 3500m² laboratory space



化学品的注册、评估、授权与限制
Registration, Evaluation, Authorization and Restriction of Chemicals



清真认证
Halal Certificate



FDA认证
FDA Certificate



可持续棕榈油圆桌倡议组织
Roundtable on Sustainable Palm Oil



负责任的云母倡议
The Responsible Mica Initiative



Kingbornit® 湿法剥片氮化硼 Kingbornit® Wet Stripping Boron Nitride	03
Kingsica® 二氧化硅 Kingsica® Silica	06
专利号: ZL 201510781190.X	
专利号: ZL 201711247001.6	
专利号: ZL 202110329281.5	
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MS表面处理 MS Surface Treatment	DSG表面处理 DSG Surface Treatment
LL表面处理 LL Surface Treatment	HL表面处理 HL Surface Treatment
MM表面处理 MM Surface Treatment	TTS表面处理 TTS Surface Treatment
TTD表面处理 TTD Surface Treatment	AMQ表面处理 AMQ Surface Treatment
亲水表面处理 Hydrophilic Modification	

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湿法剥片 氮化硼

WET STRIPPING
BORON NITRIDE

薄，片层圆润亮泽

Thin, smooth and glossy layer.

轻，松软粉量更多

Among same products, Kingbornit® has a larger particle count in the same weight.

WET STRIPPING BORON NITRIDE

湿法剥片氮化硼

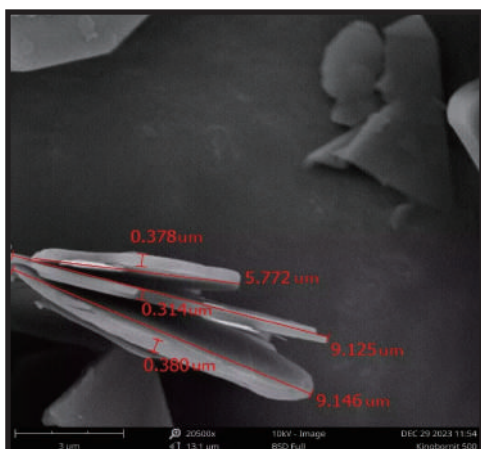


湿法工艺使剥片更彻底，片薄粒轻，高径厚比，高比表面积，粒度分布更均匀，性价比更高。

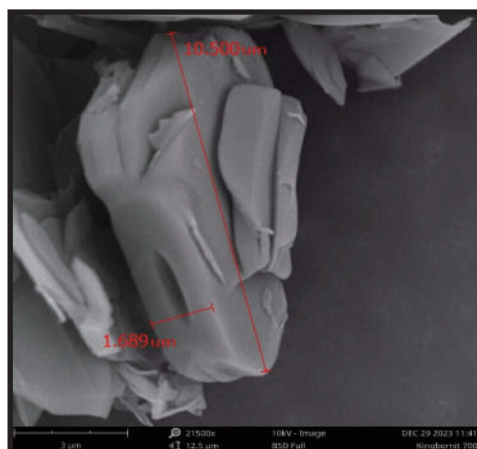
The wet stripping technology enables more complete peeling, thinner lamellae, lighter particles, high radius-thickness ratio, high specific surface area, more uniform particle size distribution, and higher cost performance.

同等粒径产品中，湿法剥片氮化硼的径厚比高出3-5倍。

Among products with the same particle size, the radius-thickness ratio is 3-5 times higher.



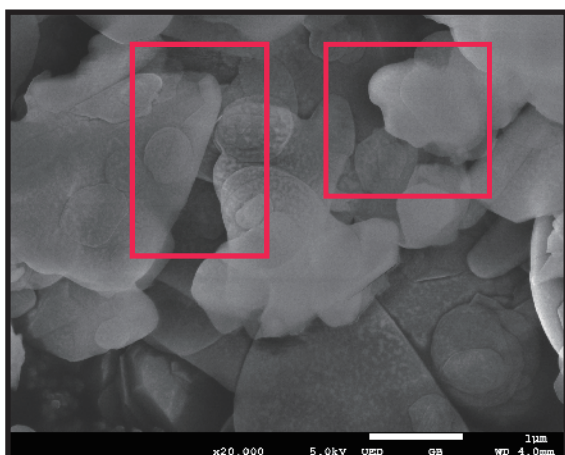
湿法剥片氮化硼 Kingbornit 500的SEM图像
SEM of Wet Stripping BN Kingbornit 500



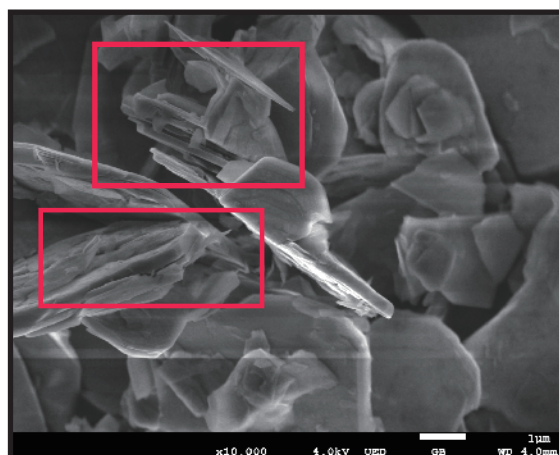
干法粉碎氮化硼 Kingbornit 700的SEM图像
SEM of Dry Grinding BN Kingbornit 700

湿法工艺剥片得到的氮化硼片层圆润无棱角，完美呈现光泽效果，优异的滑移性和贴肤性。

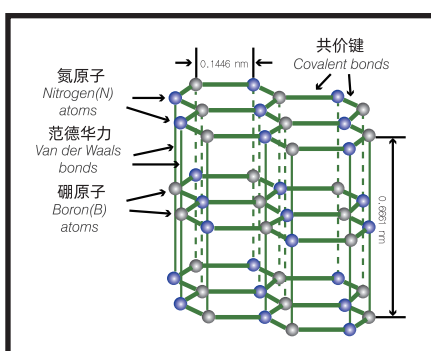
The boron nitride particles obtained by wet process is rounded without edges and corners, showing a perfect luster effect, and has excellent slippage and skin adhesion.



湿法剥片氮化硼Kingbornit 3012的SEM图像
SEM of Wet Stripping BN Kingbornit 3012



干法粉碎氮化硼Kingbornit 700的SEM图像
SEM of Dry Grinding BN Kingbornit 700



六方氮化硼的结构示意图
Hexagonal boron nitride structure

氮化硼的基本性质 Basic Property of Boron Nitride

化学惰性，安全无毒；
Chemical inertness, safety and non-poisonous.

类石墨层状结构，低摩擦系数，良好的铺展性。
Like graphite layered structure, low friction coefficient and excellent spreadability.

高折光率，可提亮肤色。
High refractive index, brighten skin tone.

粒径不同，而呈现不透明至透明的多样光学特性。
Different particle sizes can present a variety of optical properties.

联锆粉体独特的湿法剥片技术，可严格控制风险物质含量，符合各个国家和地区的法规要求。

Unique wet stripping technology from KingPowder strictly controls the content of risky substances, complying with different regulatory requirements.

国家和地区 Country and Region	法规 Regulation	要求 Requirements
中国 CN	《化妆品安全技术规范》（2015年版） Safety and Technical Standards for Cosmetics (2015 edition)	化妆品成品对硼酸和硼酸盐的检出限为0.005%。 The detection limit of boric acid and borates in cosmetics is 0.005%.
日本 JP	JSQI	硼溶出物含量≤20ppm Elution Amount of Boron ≤20ppm
美国 USA	CIR	B ₂ O ₃ ≤0.1%
欧盟 EU	Regulation (EC)No. 1223/2009	将硼酸及其硼酸盐列为化妆品禁用物质。 Boric acid and its borates are prohibited substances in cosmetics.

产品名称 Product Name	产品编码 Product Code	平均粒径 Mean Particle Size	比表面积 Specific Surface Area (m ² /g)	法规 Regulation
Kingbornit® 7006	110526	6 μm	9	可溶性硼酸盐≤0.02% Soluble Borates≤0.02%
Kingbornit® 7012	110527	12 μm	4	
Kingbornit® 7015	110528	15 μm	3	
Kingbornit® 7020	110529	20 μm	2	
Kingbornit® 9006	110514	6 μm	8	符合日本JSQI法规， 硼溶出物含量≤20ppm Comply with JSQI, Elution Amount of Boron≤20ppm
Kingbornit® 9011	110515	11 μm	4	
Kingbornit® 9015	110518	15 μm	3	
Kingbornit® 9020	110519	20 μm	2	
Kingbornit® 3002	110502	2 μm	10	可溶性硼酸盐≤0.1% Soluble Borates≤0.1%
Kingbornit® 500	110501	6 μm	8	可溶性硼酸盐≤0.06% Soluble Borates≤0.06%
Kingbornit® 3012	110506	12 μm	3	
Kingbornit® 3015	110516	15 μm	3	
Kingbornit® 3020	110517	20 μm	2	

联锆粉体亦可提供不同粒径的干法粉碎氮化硼产品，符合指标B₂O₃ ≤0.1%。

Dry grinding boron nitride are also available, different particle sizes, B₂O₃ ≤0.1%.

以上全系氮化硼产品，均有三乙氧基辛基硅烷、聚二甲基硅氧烷、PEG-12聚二甲基硅氧烷、硅石等表面处理型号。

The above boron nitride with surface treatments like triethoxycaprylsilane, dimethicone, PEG-12 dimethicone, and silica can be provided.



二氧化硅 球型多孔 SILICA

平衡肌肤油脂似蜂窝海绵
Balance skin oil as honeycomb sponge.

隐形细纹瞬间逆转肌龄
Invisible fine lines instantaneously reverse the age of skin.

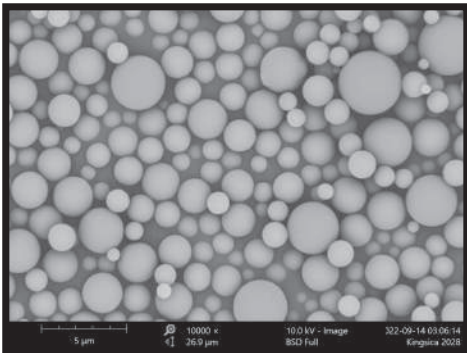
Kingsica® SPHERICAL
POROUS SILICA



Kingsica® 球形多孔二氧化硅

专利号：ZL 201510781190.X
专利号：ZL 201711247001.6
专利号：ZL 202110329281.5

- 球形多孔硅粉合成专利技术。
Patented technology for the synthesis of spherical porous silica.
- 可提供2-200µm的不同粒径产品。
Products with different particle sizes from 2 to 200µm can be provided.
- 粒度分布窄，球化率高，流动性好，滑感强。
Narrow particle size distribution, high spheroidization rate, good fluidity, superior slipperiness.
- 多孔表面，光漫反射强，赋予产品柔焦效果。
Porous surface, strong light diffuse reflection, soft focus effect.
- 天然来源的高效防晒增效剂，有助于减少配方中防晒剂的添加。
Highly effective sunscreen enhancer from natural source helps reduce the amount of sunscreen added to the formula.
- 产品系列细分化，满足各种性能及体系的技术需求。
Subdivided product series, meet various technical needs.



二氧化硅扫描电镜图
SEM image of silica

系列 Sort	产品名称 Product Name	产品编码 Product Code	平均粒径 Mean Particle Size	吸油量 Oil Absorption (mL/100g)
高球化率 High spheroidization	Kingsica® HS-005 新品 New	107236	0.5 µm	35
	Kingsica® HS-06 新品 New	107233	6 µm	100
适用于喷雾产品 Suitable for sprays	Kingsica® 2028	107144	2 µm	90
常规 Common	Kingsica® 3028	107137	3 µm	90
	Kingsica® 5028	107128	7 µm	100
	Kingsica® 1228	107146	12 µm	100
	Kingsica® 4062	107169	4 µm	130
	Kingsica® 8062	107168	8 µm	130
高吸油量 High Oil Absorption	Kingsica® S151	107183	10 µm	150
	Kingsica® S201	107164	10 µm	200
	Kingsica® S300	107162	10 µm	300
	Kingsica® S202	107180	5 µm	200
	Kingsica® S302	107181	5 µm	300
低吸油量 Low Oil Absorption	Kingsica® S060	107184	8 µm	60
磨砂清洁 Scrub	Kingsica® PC20	107301	20 µm	100
	Kingsica® PC100	107304	100 µm	120
	Kingsica® PC150	107305	150 µm	130
	Kingsica® PC200	107306	200 µm	130
	Kingsica® PC300 新品 New	107309	300 µm	120

以上全系硅粉产品，均有三乙氧基辛基硅烷、聚二甲基硅氧烷、聚甲基硅氧烷等表面处理型号。
The above silica with surface treatments like triethoxycaprylsilane, dimethicone, and methicone can be provided.

Green and efficient sunscreen enhancer Kingsica® SPHERICAL POROUS SILICA



绿色高效的防晒增效成分

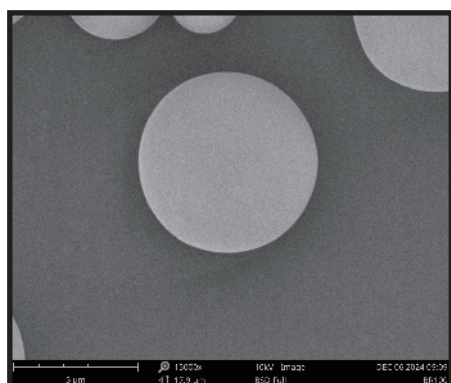
Kingsica® 球形多孔二氧化硅



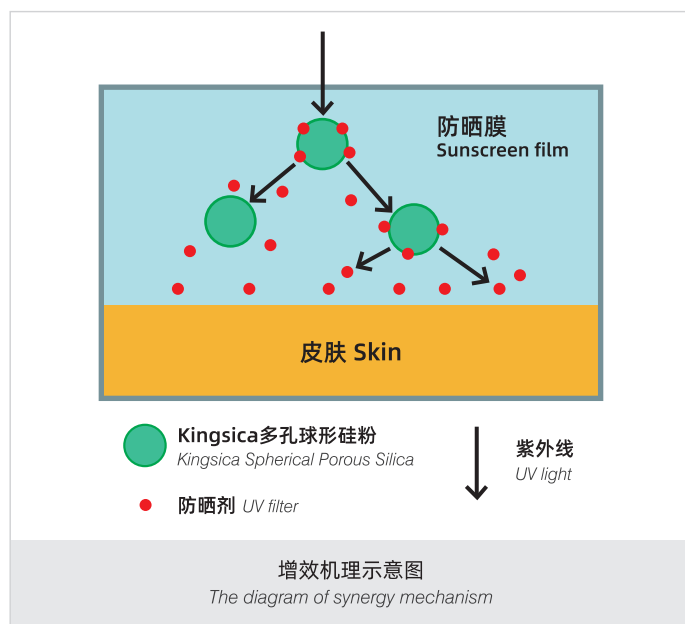
★ 增效机理：
Synergy mechanism:

紫外线照射到球体表面，形成散射，延长光路，进一步增加紫外线的吸收。

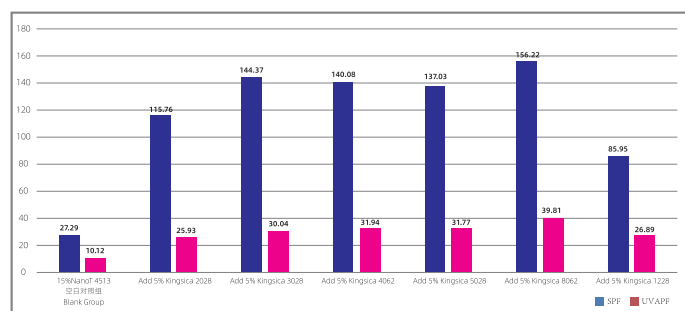
Ultraviolet light hits on the surface of the sphere, scatters to extend the light path, to further increase the absorption of ultraviolet light.



SEM—Kingsica多孔球形二氧化硅的表面形貌
SEM--The appearance of Kingsica spherical porous silica



5%Kingsica在纳米钛白浆NanoT 4513中的增效效果测试(UV-2000S)
Test of synergistic effect of 5% Kingsica in nano TiO₂ dispersion NanoT 4513



以上数据来源于联谱粉体实验室，UV-2000S测试。
The data comes from KingPowder's lab, tested with Labsphere UV-2000S.

Kingsica在防晒配方中的测试对比
Comparison of Kingsica in sunscreen lotion formula

相态 Phase	组分名称 Trade Name	主要成分 Main Composition	百分含量/% Wt/%		供应商 Supplier
A	异构十二烷	异十二烷 Isododecane	6.00	6.00	埃克森美孚 Mobil
	NanoT 4513	二氧化钛 & C12-15 醇苯甲酸酯 Titanium Dioxide & C12-15 Alkyl Benzoate	5.00	5.00	联谱粉体 KingPowder
	NanoT Z-6060	氧化锌 & C12-15 醇苯甲酸酯 Zinc Oxide & C12-15 Alkyl Benzoate	5.00	5.00	联谱粉体 KingPowder
	Parsol Shield	双-乙基己氧苯酚甲氧苯基三嗪 Bis-Ethylhexyloxyphenol Methoxyphenyl Triazine	1.50	1.50	帝斯曼 DSM
	Parsol DHHB	二乙基羟苯甲酰基苯甲酸酯 Diethylamino Hydroxybenzoyl Hexyl Benzoate	1.00	1.00	帝斯曼 DSM
	Parsol MCX	甲氧基肉桂酸乙基酯 Ethylhexyl Methoxycinnamate	5.00	5.00	帝斯曼 DSM
	Parsol EHS	水杨酸乙基酯 Ethylhexyl Salicylate	1.50	1.50	帝斯曼 DSM
	Kingsica 4062	硅石 Silica	空白 Blank	4.00	联谱粉体 KingPowder
	SiCare 2115F	聚二甲基硅氧烷/乙氧基聚二甲基硅氧烷交联聚合物 & 硅石 PEG-10 Dimethicone/Vinyl Dimethicone Crosspolymer & Silica	3.00	3.00	斯洛柯 Silek
B	Bentgel-PC	异十二烷&二硬脂二甲胺磷酸盐 Isododecane & Distardimonium Hectorite	7.00	7.00	联谱粉体 KingPowder
C1	KF-6038	月桂基 PEG-9 聚二甲基硅氧烷乙基聚二甲基硅氧烷 Lauryl PEG-9 Polydimethylsiloxyethyl Dimethicone	2.00	2.00	信越 ShinEstsu
	ABIL EM 90	鲸蜡基 PEG/PPG-10/1 聚二甲基硅氧烷 Cetyl PEG/PPG-10/1 Dimethicone	1.00	1.00	赢创 Evonik
	SiCare 2215	PEG-10 聚二甲基硅氧烷 PEG-10 Dimethicone	1.00	1.00	斯洛柯 Silek
C2	50%TMS 803 (DS)	三甲基硅烷氧基硅烷酯 & 环五聚二甲基硅氧烷 Trimethylsiloxyisilicate & Cyclopentasiloxane	8.00	8.00	瓦克 Wacker
D1	去离子水	水 Water	To 100	To 100	联谱粉体 KingPowder
	甘油	甘油 Glycerin	10.00	10.00	椰树 PALMAC
	丙二醇	丙二醇 Propylene Glycol	8.00	8.00	SK
	黄原胶	黄原胶 Xanthan Gum	0.05	0.05	斯比凯克 CP Kelco
	NaCl	氯化钠 Sodium Chloride	0.80	0.80	AR
D2	乙醇	乙醇 Alcohol	6.00	6.00	AR
E	Euxyl PE 9010	苯氧乙醇 & 乙基己基甘油 Phenoxyethanol & Ethylhexylglycerin	0.50	0.50	亚什兰 Ashland
防晒数据对比(UV-2000S) Comparison of sun protection data			SPF	69.37	112.31
			UVAPF	16.61	35.61

Transparent
SPHERICAL POROUS SILICA



高透明度球形多孔二氧化硅

产品名称 Product Name	产品编码 Product Code	平均粒径 Mean Particle Size	吸油量 Oil Absorption (mL/100g)
Kingsica® TR070 SI	107186	9 μm	70



Spherical porous
SILICA FOR WATER LOOSE POWDER



水散粉专用球形多孔二氧化硅

产品名称 Product Name	产品编码 Product Code	平均粒径 Mean Particle Size	吸油量 Oil Absorption (mL/100g)
Kingsica® 5052 MS 新品 New	107234	6 μm	90

Amorphous silica
THICKER & SUSPENDING AGENT



气相二氧化硅—增稠悬浮剂

- ✧ 优异的油相增稠悬浮效果，可悬浮颜料、珠光粉等，防沉淀。
Excellent thickening and suspension effect for oil phase, can suspend pigments, pearl powder and so on, to prevent precipitation.
- ✧ 增加产品的稳定性和触变性。
Increase product stability and thixotropy.
- ✧ 分散在油中可形成透明光滑的凝胶状态。
When dispersed in oil, it can form a transparent and smooth gel state.

产品名称 Product Name	产品编码 Product Code	比表面积 Specific Surface Area(m ² /g)	吸油量 Oil Absorption (mL/100g)
Kingsica® K15 二甲基甲硅烷基化硅石 Silica Dimethyl Silylate	107135	150	300

A close-up photograph of a woman's face, focusing on her right eye and cheek. She has light blue eyes and fair skin. Two thick, white, textured strokes of cream or powder are applied to her right cheek, just below the eye. The background is plain white.

钛白粉

TITANIUM DIOXIDE

遮瑕，PS美肌修复画笔

Hiding, PS beauty skin repair brush.

饰白，皓白肌肤凝霜雪

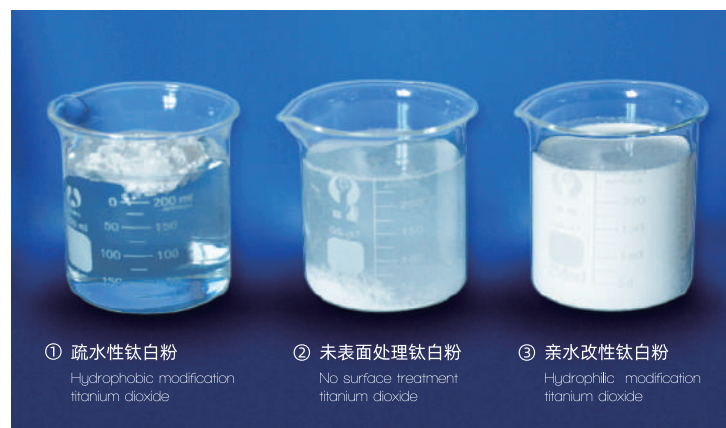
Whitening, white skin coagulate frost and snow.

Kingruti® TITANIUM DIOXIDE



Kingruti® 二氧化钛

- ☆ 高纯度，高安全性。
High purity and safety.
- ☆ 多种表面处理产品，增强体系稳定性。
A variety of surface treatment products to enhance the stability of the system.
- ☆ 品种多样化，可匹配不同性能需求。
Various assortment to match different needs.



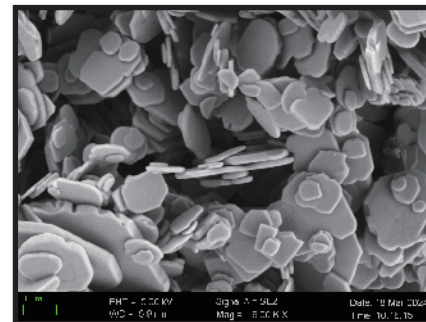
类型 Type	产品名称 Product Name	产品编码 Product Code	平均粒径 Mean Particle Size	白度 Whiteness	表面包膜 Surface Coating Agent
金红石型 Rutile	Kingruti® T-02	106402	420 nm	≥91	氢氧化铝 Aluminum Hydroxide
	Kingruti® T-48	106404	400 nm	≥90	氢氧化铝 Aluminum Hydroxide
	Kingruti® T-60	106410	210 nm	≥92	氢氧化铝 Aluminum Hydroxide
	Kingruti® T-90	106411	280 nm	≥92	氢氧化铝，硅石 Aluminum Hydroxide Silica
	Kingruti® CR50	106419	250 nm	≥92	氢氧化铝 Aluminum Hydroxide
锐钛型 Anatase	Kingruti® T-01	106416	200 nm	≥92	——
	Kingruti® T-04	106421	220 nm	≥90	——

以上全系钛白粉产品，均有三乙氧基辛基硅烷、聚二甲基硅氧烷、聚甲基硅氧烷、硬脂酰谷氨酸二钠、月桂酰赖氨酸、肉豆蔻酸镁、三异硬脂酸异丙氧钛盐、硅石等表面处理型号。

The above titanium dioxide with surface treatments like triethoxycaprylsilane, dimethicone, methicone, disodium stearyl glutamate, lauroyl lysine, magnesium myristate, isopropyl titanium triisostearate and silica can be provided.



Kingbismo BISMUTH OXYCHLORIDE Kingbismo 氯氧化铋



Kingbismo B012的SEM图
SEM of Kingbismo B012

- ☆ 一种具有高度光泽的颜料，可以赋予产品金属光泽效果。
A highly glossy pigment, can impart a metallic luster effect to products.
- ☆ 具有出色的皮肤附着力、压缩性和结合性，可提高粉饼、眼影等产品的抗摔性。
With excellent skin adhesion, compressibility and bonding, it can enhance the drop-resistance of products such as pressed powder, eye shadow.
- ☆ 片层结构，使产品具有光滑丝滑的触感。
Lamellar structure gives the product a smooth and silky touch.

产品名称 Product Name	产品编码 Product Code	外形 Shape	颜色 Color	CI号 CI No.	平均粒径 Mean Particle Size
氯氧化铋 Bismuth Oxychloride Kingbismo B012	108114	片层状 Lamellar		CI 77163	12 μm

法规信息 Regulation

项目 Item	INCI				唇部 Lips				眼部 Eyes			
	中国/欧盟 CN/EU	美国 USA	日本 JP	东盟 ASEAN	中国/欧盟 CN/EU	美国 USA	日本 JP	东盟 ASEAN	中国/欧盟 CN/EU	美国 USA	日本 JP	东盟 ASEAN
氯氧化铋 Bismuth Oxychloride	CI 77163	Bismuth Oxychloride	Bismuth Oxychloride	CI 77163	✓	✓	未作规定。 Not regulated.	✓	✓	✓	未作规定。 Not regulated.	✓

煅烧高岭土

Calcined Kaolin

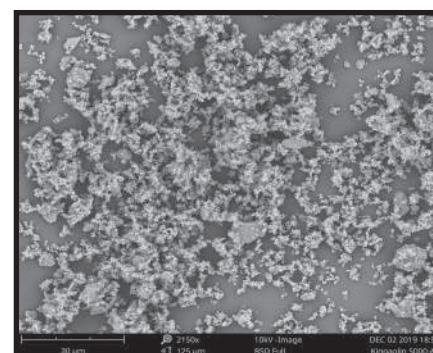
Kingaolin® GL03

符合全球法规
Comply with
global regulations

Kingaolin® CALCINED KAOLIN Kingaolin® 煅烧高岭土



- ☆ 高白度、高纯度。
High whiteness, high purity.
- ☆ 多孔表面，高吸附性。
Porous surface, high adsorption.
- ☆ 与水洗高岭土相比，煅烧工艺大大减少了高岭土中的有机质，更不易长菌。
Compared with washing method, calcination process greatly reduces the organic matter in kaolin and is less prone to grow bacteria.
- ☆ 电导率低于50μs/cm，有效避免对体系稳定性的影响。
The conductivity is lower than 50μs/cm, effectively avoiding the impact on the system's stability.



Kingaolin 5000扫描电镜图
SEM image of Kingaolin 5000

产品名称 Product Name	产品编码 Product Code	平均粒径 Mean Particle Size
Kingaolin® 5000	106324	2 μm
Kingaolin® GL03 符合全球法规 Comply with global regulations	106329	3 μm

以上全系高岭土产品，均有三乙氧基辛基硅烷等表面处理型号。
The above kaolin with surface treatments like triethoxycaprylsilane can be provided.



滑石粉 TALC

轻盈，纤薄质地宛如真空
Lightness, thin texture like a vacuum.

缎滑，丝游触感似无阻力
Satin, silk feel like without resistance.

Kingtalfer® TALC

Kingtalfer® 滑石粉

- ☆ 优质的浅绿色矿源，高白度，高纯度；
High quality light green mine, high whiteness, high purity.
- ☆ 化妆品级滑石粉的加工工艺，粒度分布集中；
Processing technology for cosmetic talcum powder, concentrated in particle size distribution.
- ☆ 无石棉，重金属含量低，每批均提供国家权威部门检测报告。
No asbestos, the content of heavy metals is very low, we can provide the national authority testing report for each batch.

产品名称 Product Name	产品编码 Product Code	平均粒径 Mean Particle Size	比表面积 Specific Surface Area (m²/g)	吸油量 Oil Absorption (mL/100g)	说明 Description
符合BVL重金属要求系列 Comply with BVL					
Kingtalfer® LS-6005	106176	5 μm	8	82	符合BVL重金属要求。 Meet BVL heavy metal requirements. 砷(Arsenic)≤0.5mg/kg , 汞(Mercury)≤0.1mg/kg , 铅(Lead)≤2.0mg/kg , 镉(Cadmium)≤0.1mg/kg , 锑(Antimony)≤0.5mg/kg
Kingtalfer® LS-6008	106177	8 μm	6	66	
浅绿矿系列 Light Green Mine					
Kingtalfer® LS-325	106134	16 μm	3	40	选用优质的浅绿色矿源，性价比高。 Choose high quality light green mine, good cost performance. 使用化妆品及滑石粉的加工工艺，品质优。 Processing technology for cosmetic talc powder, high quality. 重金属含量低，不含石棉。 No asbestos, almost does not contain heavy metals.
Kingtalfer® LS-800	106139	12 μm	5	63	
Kingtalfer® LS-1250	106132	8 μm	6	62	
Kingtalfer® LS-2500	106133	5 μm	8	81	

以上全系滑石粉产品，均有三乙氧基辛基硅烷、聚二甲基硅氧烷、全（十三）氟辛基三乙氧基硅烷、聚甲基硅氧烷、硬脂酰谷氨酸二钠、月桂酰赖氨酸、肉豆蔻酸镁、三异硬脂酸异丙氧钛盐等表面处理型号。

The above talc with surface treatments like triethoxycaprylsilane, dimethicone, perfluorooctyl triethoxysilane, methicone, disodium stearoyl glutamate, lauroyl lysine, magnesium myristate and isopropyl titanium triisostearate can be provided.

云母粉

MICA

湿磨薄片如绢丝
Wet grinding flake as silk yarn.

鳞光闪烁似珍珠
Scale light flashing like pearls.



Kingcovite® WET PROCESSING MICA



Kingcovite® 湿磨云母粉

- ☆ 采用湿法研磨剥片，片层结构保持完好。
Wet milling stripping, lamellar structure remains intact.
- ☆ 细微鳞片状结晶。
Microscopic scales of crystal.
- ☆ 粒径分布集中，径厚比大，手感细腻柔软润滑。
Concentrated in particle size distribution, high radius-thickness ratio, soft and smooth hand feeling.

系列 Sort	产品名称 Product Name	产品编码 Product Code	平均粒径 Mean Particle Size
可替代滑石 Replace Talc	Kingcovite® 5504 	106318	6 μ m
	Kingcovite® 5505 	106319	8 μ m
	Kingcovite® 77	106294	8 μ m
	哑光合成云母 Matte Synthetic Fluorophlogopite		
	Kingcovite® 5507 	106384	12 μ m
绢云母 Sericite	Kingcovite® 5501P  铅/Pb < 5ppm	106388	5 μ m
	Kingcovite® 5901	106286	12 μ m
	哑光绢云母 Matte Sericite		
	Kingcovite® 51	106234	12 μ m
	Kingcovite® 5501	106244	5 μ m
	Kingcovite® 57	106238	12 μ m
白云母 Mica	Kingcovite® 25	106224	10 μ m
合成云母 Synthetic Fluorophlogopite	Kingcovite® 7704  哑光，氟溶出物 < 20ppm Matte, Amount of fluoride eluted < 20ppm	106381	8 μ m
	Kingcovite® 71	106233	20 μ m
	Kingcovite® 75	106274	10 μ m
	Kingcovite® 74	106245	6 μ m
	Kingcovite® 6710 符合BVL重金属要求 Comply with BVL* heavy metal requirements	106297	10 μ m
* BVL, 砷(Arsenic)≤0.5mg/kg, 汞(Mercury)≤0.1mg/kg, 铅(lead)≤2.0mg/kg, 镉(Cadmium)≤0.1mg/kg, 锑(Antimony)≤0.5mg/kg			

以上全系云母粉产品，均有三乙氧基辛基硅烷、聚二甲基硅氧烷、全（十三）氟辛基三乙氧基硅烷、聚甲基硅氧烷、硬脂酰谷氨酸二钠、月桂酰赖氨酸、肉豆蔻酸镁、三异硬脂酸异丙氧钛盐等表面处理型号。

The above mica with surface treatments like triethoxycaprylsilane, dimethicone, perfluorooctyl triethoxysilane, methicone, disodium stearyl glutamate, lauroyl lysine, magnesium myristate and isopropyl titanium triisostearate can be provided.



化妆品级 色粉

COSMETIC PIGMENTS

先进生产工艺，升级色彩品质。

Advanced processing technique, upgraded color quality.



Kingpigment 无机色粉

- ★ 全线严格控制产品生产，良好的批次一致性， $\Delta E < 1.0$ 。
Strict control of production throughout the line, good batch consistency, $\Delta E < 1.0$.
- ★ 超细化处理，粒径均匀，提高色饱和度和着色力，有利于体系稳定性。
Ultra-fine crushing, uniform particle size, improved color saturation and coloring power, conducive to stabilizing the system.
- ★ 高化学纯度，高稳定性，高安全性，可用于各类彩妆产品中。
High chemical purity, high stability, high safety, can be used in all kinds of color cosmetics.

超细化处理系列
Ultrafine Processing Series

产品名称 Product Name	产品编码 Product Code	外形 Shape	颜色 Color	CI号 CI No.
超细氧化铁黄 Ultrafine Yellow Iron Oxide Kingpigment 340Y	112302	针状 Needle		CI 77492
超细氧化铁黑 Ultrafine Black Iron Oxide Kingpigment 920B	112303	球状 Spherality		CI 77499
超细氧化铁红 Ultrafine Red Iron Oxide Kingpigment 116R	112306	针状 Needle		CI 77491
超细氧化铬绿 Ultrafine Chromium Oxide Green Kingpigment 410G	112440	菱形 Rhombus		CI 77288
超细化群青蓝 Ultrafine Ultramarine Blue Kingpigment 510BL	112451	片粒状 Lamellar-granularity		CI 77007 *在酸性条件下不稳定 Unstable under acidic conditions
超细氧化铁红 Ultrafine Red Iron Oxide Kingpigment 113R 新品 New	112350	球形 Spherality		CI 77491
超细化群青紫 Ultrafine Ultramarine Violet Kingpigment 710V	112460	片粒状 Lamellar-granularity		CI 77007 *在酸性条件下不稳定 Unstable under acidic conditions
超细氧化铁棕 Ultrafine Brown Iron Oxide Kingpigment 813BR 新品 New	112379	混合 Mix		CI 77491 CI 77492 CI 77499

以上全色系粉产品，均有三乙氧基辛基硅烷、聚二甲基硅氧烷、聚甲基硅氧烷、硬脂酰谷氨酸二钠、月桂酰赖氨酸、肉豆蔻酸镁、三异硬脂酸异丙氧钛盐、硅石等表面处理型号。
The above pigment with surface treatments like triethoxycaprylsilane, dimethicone, methicone, disodium stearyl glutamate, lauroyl lysine, magnesium myristate, isopropyl titanium triisostearate and silica can be provided.



King Powder
联锴粉体

Kingpigment
INORGANIC PIGMENTS



Kingpigment 无机色粉

常规系列
Regular Series

产品名称 Product Name	产品编码 Product Code	外形 Shape	颜色 Color	CI号 CI No.
氧化铁红 Red Iron Oxide Kingpigment 135R 新品 New	112389	球形 Spherality		CI 77491
氧化铁黄 Yellow Iron Oxide Kingpigment 345Y 新品 New	112341	针状 Needle		CI 77492
氧化铁黑 Black Iron Oxide Kingpigment 925B 新品 New	112342	球形 Spherality		CI 77499
氧化铁棕 Brown Iron Oxide Kingpigment 815BR 新品 New	112388	混合 Mix		CI 77491 CI 77492 CI 77499

法规信息 Regulation

项目 Item	INCI				唇部 Lips				眼部 Eyes			
	中国/欧盟 CN/EU	美国 USA	日本 JP	东盟 ASEAN	中国/欧盟 CN/EU	美国 USA	日本 JP	东盟 ASEAN	中国/欧盟 CN/EU	美国 USA	日本 JP	东盟 ASEAN
钛白粉 Titanium Dioxide	CI 77891	Titanium Dioxide	Titanium Dioxide	CI 77891	✓	✓	未作规定。 Not regulated.	✓	✓	✓	未作规定。 Not regulated.	✓
氧化铁黄 Yellow Iron Oxide	CI 77492	Iron Oxides	Yellow Oxide of Iron	CI 77492	✓	✓		✓	✓	✓		✓
氧化铁红 Red Iron Oxide	CI 77491	Iron Oxides	Red Oxide of Iron	CI 77491	✓	✓		✓	✓	✓		✓
氧化铁黑 Black Iron Oxide	CI 77499	Iron Oxides	Black Oxide of Iron	CI 77499	✓	✓		✓	✓	✓		✓
氧化铬绿 Chromium Oxide Green	CI 77288	Chromium Oxide Greens	Chromium Oxide	CI 77288	✓	×		✓	✓	✓		✓
群青蓝 Ultramarine Blue	CI 77007	Ultramarines	Ultramarine Blue	CI 77007	✓	×		✓	✓	✓		✓
群青紫 Ultramarine Violet	CI 77007	Ultramarines	Ultramarine Violet	CI 77007	✓	×		✓	✓	✓		✓

Kingpigment

ORGANIC PIGMENTS

Kingpigment 有机色粉



- ★

化妆品级有机色粉，高纯度，高安全性。
Cosmetic grade organic pigment, high purity, high safety.
- ★

高着色力，高色度，赋予产品优质的色彩美感。
High coloring power, high chroma, giving superior beauty of color.
- ★

严格控制生产工艺，稳定产品的一致性，确保色差 $\Delta E < 1.0$ 。
Strictly controlled production process, stable product consistency, accurate control of color difference with $\Delta E < 1.0$.

全色 Masstone	冲淡色（5%） 5% Tint	通用名 Generic Name	产品名称 Product Name	产品编码 Product Code	CI号 CI No.
		红30 Red 30 Lake	Kingpigment 150R	112411	CI 73360:1
		红6 Red 6	Kingpigment 160R	112412	CI 15850
		红40色淀 Red 40 Lake	Kingpigment 180R	112413	CI 16035:1
		红7 Red 7	Kingpigment 190R	112414	CI 15850:1
		红27色淀 Red 27 Lake	Kingpigment 210R	112415	CI 45410:2
		红28色淀 Red 28 Lake	Kingpigment 220R	112416	CI 45410:2
		红33色淀 Red 33 Lake	Kingpigment 230R	112417	CI 17200:1
		胭脂虫红 Carmine	Kingpigment 271R	112421	CI 75470
		黄5色淀 Yellow 5 Lake	Kingpigment 380Y	112430	CI 19140:1
		黄6色淀 Yellow 6 Lake	Kingpigment 390Y	112432	CI 15985:1
		蓝1色淀 Blue 1 Lake	Kingpigment 580BL	112450	CI 42090:2

以上全色系粉产品，均有三乙氧基辛基硅烷、三异硬脂酸异丙氧钛盐等表面处理型号。
The above pigment with surface treatments like triethoxycaprylsilane and isopropyl titanium triisostearate can be provided.

高性价比系列有机色粉 & 色淀

High Cost Effective Organic Pigment & Lake



☆ 高安全性，符合法规要求，色差 $\Delta E < 1.0$ 。
High safety, in line with regulatory requirements. Color difference $E < 1.0$

通用名 Generic Name	产品名称 Product Name	产品编码 Product Code	CI号 CI No.
红30 Red 30 Lake	Kingpimet® 1502R	112482	CI 73360:1
红6 Red 6	Kingpimet® 1602R	112483	CI 15850
红40色淀 Red 40 Lake	Kingpimet® 1802R	112484	CI 16035:1
红7 Red 7	Kingpimet® 1902R	112485	CI 15850:1
红27色淀 Red 27 Lake	Kingpimet® 2102R	112486	CI 45410:2
红28色淀 Red 28 Lake	Kingpimet® 2202R	112487	CI 45410:2
红33色淀 Red 33 Lake	Kingpimet® 2302R	112488	CI 17200:1
胭脂虫红 Carmine	Kingpimet® 2712R	112489	CI 75470
黄5色淀 Yellow 5 Lake	Kingpimet® 3802Y	112490	CI 19140:1
黄6色淀 Yellow 6 Lake	Kingpimet® 3902Y	112491	CI 15985:1
蓝1色淀 Blue 1 Lake	Kingpimet® 5802BL	112492	CI 42090:2

法规信息 Regulation

项目 Item	INCI				脸部 Face				唇部 Lips				眼部 Eyes			
	中国/欧盟 CN/EU	美国 USA	日本 JP	东盟 ASEAN	中国/欧盟 CN/EU	美国 USA	日本 JP	东盟 ASEAN	中国/欧盟 CN/EU	美国 USA	日本 JP	东盟 ASEAN	中国/欧盟 CN/EU	美国 USA	日本 JP	东盟 ASEAN
红30 Red 30 Lake	CI 73360	Red 30 Lake	Aka 226	CI 73360	✓	✓	✓	✓	✓	✓	✓	✓	✓	×	✓	✓
红6 Red 6	CI 15850	Red 6	Aka 201	CI 15850	✓	✓	✓	✓	✓	✓	✓	✓	✓	×	✓	✓
红40色淀 Red 40 Lake	CI 16035	Red 40 Lake	/	CI 16035	✓	✓	×	✓	✓	✓	×	✓	✓	✓	×	✓
红7 Red 7	CI 15850	Red 7	Aka 202	CI 15850	✓	✓	✓	✓	✓	✓	✓	✓	✓	×	✓	✓
红27色淀 Red 27 Lake	CI 45410	Red 27 Lake	/	CI 45410	✓	✓	×	✓	✓	✓	×	✓	✓	×	×	✓
红28色淀 Red 28 Lake	CI 45410	Red 28 Lake	Aka 104-(1)	CI 45410	✓	✓	✓	✓	✓	✓	✓	✓	✓	×	✓	✓
红33色淀 Red 33 Lake	CI 17200	Red 33 Lake	Aka 227	CI 17200	✓	✓	✓	✓	✓	✓	✓	✓	✓	×	✓	✓
胭脂虫红 Carmine	CI 75470	Carmine	Carmine	CI 75470	✓	✓	未作规定。 Not regulated.	✓	✓	✓	未作规定。 Not regulated.	✓	✓	✓	未作规定。 Not regulated.	✓
黄5色淀 Yellow 5 Lake	CI 19140	Yellow 5 Lake	Ki4	CI 19140	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
黄6色淀 Yellow 6 Lake	CI 15985	Yellow 6 Lake	Ki5	CI 15985	✓	✓	✓	✓	✓	✓	✓	✓	✓	×	✓	✓
蓝1色淀 Blue 1 Lake	CI 42090	Blue 1 Lake	Ao1	CI 42090	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
黄1 Yellow 1	CI 11680	/	Yellow #401	CI 11680	✓	×	✓	✓	×	×	×	×	×	×	×	×
红5 Red 5	CI 12490	/	/	CI 12490	✓	×	×	✓	✓	×	×	✓	✓	×	×	✓
蓝15 Blue 15	CI 74160	/	Bleu #404	CI 74160	✓	×	✓	✓	✓	×	×	✓	✓	×	×	✓

✗ (不允许用于染睫毛和眉毛) For dyeing eyelashes and eyebrows is not permitted.



- ☆ 优质炭黑粉末，具有卓越的化学稳定性。
High quality carbon black powder with excellent chemical stability.
- ☆ 纳米炭黑，粒度均一，高黑度，高着色力。
Nano carbon black, uniform particle size, high blackness and colouring power.
- ☆ 符合欧盟法规Regulation (EC) No 1223/2009标准：
Comply with Regulation (EC) No 1223/2009:
多环芳烃总量≤500ppb PAHs≤500ppb
苯并芘≤5ppb Benzo[a]pyrene≤5ppb
二苯并蒽≤5ppb Dibenzo[a,h]anthracene≤5ppb

☆ 已获得美国FDA认证。
FDA Certification.

产品名称 Product Name	产品编码 Product Code	颜色 Color	CI号 CI No.	说明 Description
炭黑 Carbon Black Kingpigment 980B 	112480		CI 77266	符合全球法规 Comply with global regulations
炭黑 Carbon Black Kingpigment 970B	112481		CI 77266	符合《中国化妆品安全技术规范》 (2015年版) 要求。 Comply with Safety and Technical Standards for Cosmetics (2015 edition).

法规信息 Regulation

国家和地区 Country and Region	名称 Name	法规及要求 Regulation
中国 CN	CI 77266 (nano)	《化妆品安全技术规范》，可用于各种化妆品。 Safety and Technical Standards for Cosmetics,all cosmetics.
欧盟 EU	CI 77266 (nano)	Regulation (EC) No 1223/2009，可用于各种化妆品， 不得用于吸入可能导致最终使用者的肺部暴露的产品中。 Commission Regulation (EU)1223/2009, not to be used in applications that may lead to exposure of the end user's lungs by inhalation.
美国 USA	D&C Black No. 2	FDA 21 CFR§74.2052，可用于以下化妆品着色，需获FDA认证：眼线笔、眉墨制品、 眼影、睫毛膏、唇膏、腮红和胭脂、彩妆和粉底液、指甲油。 FDA 21 CFR § 74.2052, carbon black with FDA certification can be used for coloring the following cosmetics: Eyeliner, brush-on-brow, eye shadow, mascara, lipstick, blushers and rouge, makeup and foundation, and nail enamel.
日本 JP	Carbon Black	未作规定。 Not regulated.
东盟 ASEAN	CI 77266 (nano)	东盟化妆品指令，不得用于吸入可能导致最终用户肺部暴露的应用中。 ASEAN Cosmetic Directive, not to be used in applications that may lead to exposure of the end-user's lungs by inhalation.



表面处理技术

SURFACE TREATMENT

表面改性，精准兼容体系；

Surface modification, accurately compatible with different systems.

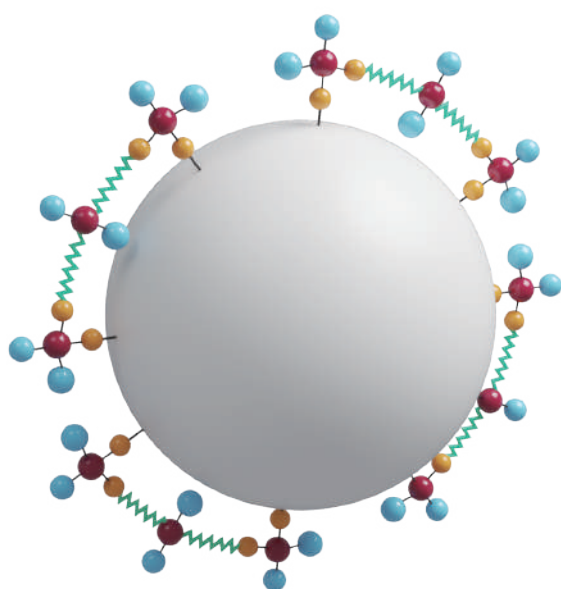
精益求精，优化处理效果。

Keep improving, upgraded processing effects.

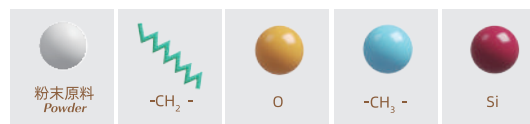
VARIOUS SURFACE TREATMENT TECHNOLOGIES 多种表面处理技术

- ★ 湿法表面处理工艺，包覆均匀。
Wet processing technology, makes the coating more evenly.
- ★ 提高色粉在配方体系中的分散性能和稳定性。
Improve the dispersibility and stability of pigments in the formula system.
- ★ 提供“客制化”服务，依据配方体系及性能需求，量身定制各种表面处理产品。
Provide "customized" service, tailor a variety of surface treatment products according to the formula system and performance requirements.

聚二甲基硅氧烷表面处理 Dimethicone Surface Treatment



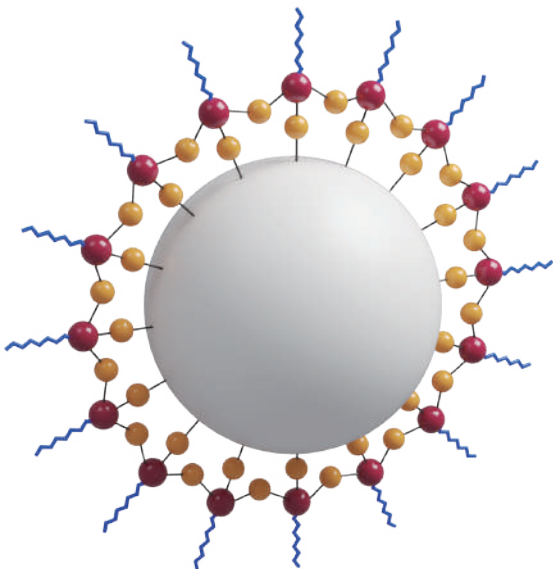
- ★ 化学结合，耐剪切涂层，广泛温度适用范围。
Chemical bonding, shear-resistant coating, wide application range of temperature.
- ★ 良好的防水性，在硅油中分散性极好，适用于W/Si体系。
Good waterproof effect, excellent dispersibility in silicone oil, suitable for W/Si system.
- ★ 油滑感，手感柔润，易压缩。
Slippery and soft feel, easy to compress.



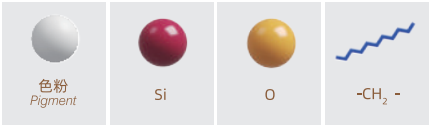
SI处理效果示意图
Effect diagram of SI treatment

材料类型 Type of Material	氮化硼 Boron Nitride	硅粉 Silica	钛白粉 Titanium Dioxide	滑石粉 Talc	云母粉 Mica
明星型号 Hot Selling	Kingbornit® 3002 SI Kingbornit® 500 SI	Kingsica® 3028 SI Kingsica® 5028 SI	Kingruti® 0205 SI Kingruti® CR50 SI	Kingtalfer® LS-800 SI Kingtalfer® LS-1250 SI	Kingcovite® 51 SI
材料类型 Type of Material	无机色粉 Inorganic Pigment				
明星型号 Hot Selling	Kingpigment 116R SI (氧化铁红 Red Iron Oxide) Kingpigment 340Y SI (氧化铁黄 Yellow Iron Oxide) Kingpigment 920B SI (氧化铁黑 Black Iron Oxide) Kingpigment 410G SI (氧化铬绿 Chromium Oxide Green) Kingpigment 510BL SI (群青蓝 Ultramarine Blue) Kingpigment 710V SI (群青紫 Ultramarine Violet)				
说明 Description	不同系列及不同粒径材料，均可提供SI表面处理产品。 SI surface treatment products are available for different series and different particle size materials.				

三乙氧基辛基硅烷表面处理
Triethoxycaprylsilane Surface Treatment



- ★ 柔润肤感。 Soft and smooth skin feeling.
- ★ 优异的疏水性。 Excellent hydrophobicity.
- ★ 易分散于油脂和有机硅中。 Easily disperse in oil and silicone.
- ★ 低吸油量，可提高体系中色粉的负载量。 Low oil absorption, which can increase the pigment content in the system.
- ★ 适用于各种彩色化妆品。 Suitable for all kinds of cosmetics.



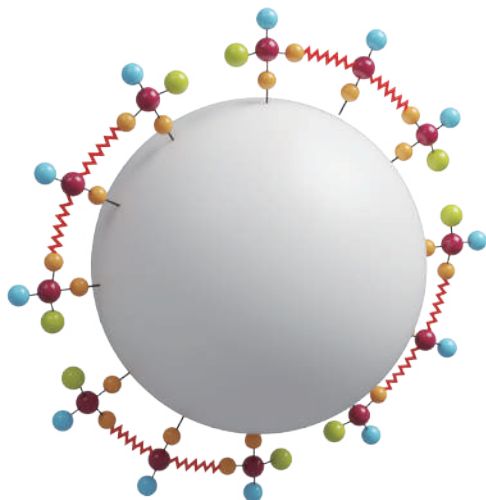
AS处理效果示意图
Effect diagram of AS treatment

材料类型 Type of Material	氮化硼 Boron Nitride	硅粉 Silica	钛白粉 Titanium Dioxide	滑石粉 Talc
明星型号 Hot Selling	Kingbornit® 3002 AS Kingbornit® 500 AS	Kingsica® 3028 AS Kingsica® 5028 AS	Kingruti® 0205 AS Kingruti® CR50 AS	Kingtalfer® LS-800 AS Kingtalfer® LS-1250 AS
材料类型 Type of Material	绢云母 Sericite	白云母 Mica	合成云母 Synthetic Fluorophlogopite	高岭土 Kaolin
明星型号 Hot Selling	Kingcovite® 51 AS	Kingcovite® 28 AS	Kingcovite® 71 AS	Kingaolin® 5000 AS
材料类型 Type of Material	无机色粉 Inorganic Pigment			
明星型号 Hot Selling	Kingpigment 116R AS (氧化铁红 Red Iron Oxide) Kingpigment 340Y AS (氧化铁黄 Yellow Iron Oxide) Kingpigment 920B AS (氧化铁黑 Black Iron Oxide) Kingpigment 410G AS (氧化铬绿 Chromium Oxide Green) Kingpigment 510BL AS (群青蓝 Ultramarine Blue) Kingpigment 710V AS (群青紫 Ultramarine Violet) Kingbismo B012 AS (氯氧化铋 Bismuth Oxychloride)			
材料类型 Type of Material	有机色粉 Organic Pigment			
明星型号 Hot Selling	Kingpigment 150R AS (红30色淀 Red 30 Lake) Kingpigment 160R AS (红6 Red 6) Kingpigment 180R AS (红40色淀 Red 40 Lake) Kingpigment 190R AS (红7 Red 7) Kingpigment 210R AS (红27色淀 Red 27 Lake) Kingpigment 220R AS (红28色淀 Red 28 Lake) Kingpigment 230R AS (红33色淀 Red 33 Lake) Kingpigment 271R AS (胭脂虫红 Carmine) Kingpigment 380Y AS (黄5色淀 Yellow 5 Lake) Kingpigment 390Y AS (黄6色淀 Yellow 6 Lake) Kingpigment 580BL AS (蓝1色淀 Blue 1 Lake)			

联谱粉体全系粉末材料，均可提供AS表面处理产品。
KingPowder's full range of powder materials with AS surface treatment can be provided.

聚甲基硅氧烷表面处理

Methicone Surface Treatment



MS处理效果示意图
Effect diagram of MS treatment

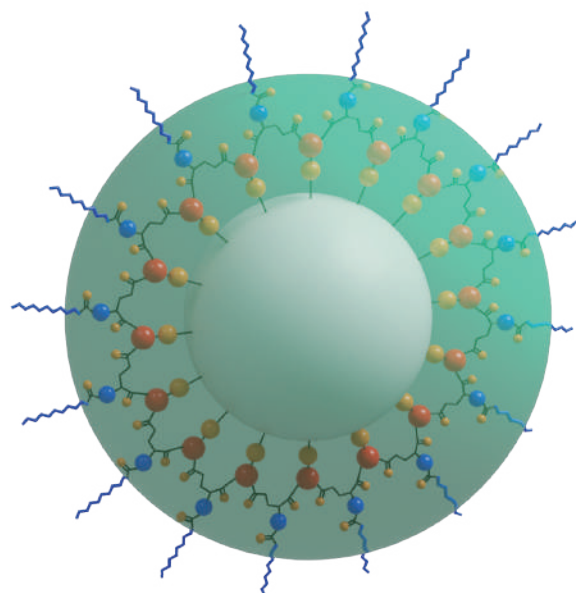
- ★ 化学结合，耐剪切涂层，广泛pH和温度适用范围。
Chemical bonding, shear-resistant coating, wide application range of pH and temperature.
- ★ 极好的防水作用，在硅油中分散性极好，适用于W/Si体系。
Excellent waterproof effect, excellent dispersibility in silicone oil, suitable for W/Si system.
- ★ 粉末抗团聚性好，粉质感强，流动性极佳适用于粉饼和散粉。
Good resistance to agglomeration, strong powdery texture, excellent fluidity, suitable for pressed powder and loose powder.
- ★ 适用于粉饼、眼影和散粉等彩妆产品。
Suitable for makeup products such as pressed powder, eye shadow and loose powder.



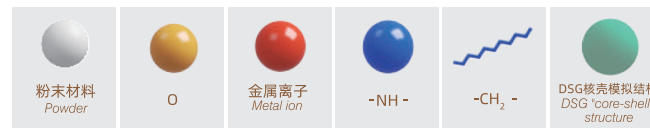
材料类型 Type of Material	硅粉 Silica	钛白粉 Titanium Dioxide	滑石粉 Talc	绢云母 Sericite
明星型号 Hot Selling	Kingsica® 5028 MS	Kingruti® 90 MS	Kingtalter® LS-1250 MS	Kingcovite® 51 MS
材料类型 Type of Material	无机色粉 Inorganic Pigment			
明星型号 Hot Selling	Kingpigment 116R MS (氧化铁红 Red Iron Oxide) Kingpigment 340Y MS (氧化铁黄 Yellow Iron Oxide) Kingpigment 920B MS (氧化铁黑 Black Iron Oxide)			
说明 Description	不同系列及不同粒径材料，均可提供MS表面处理产品。 MS surface treatment products are available for different series and different particle size materials.			

硬脂酰谷氨酸二钠表面处理

Disodium Stearoyl Glutamate Surface Treatment



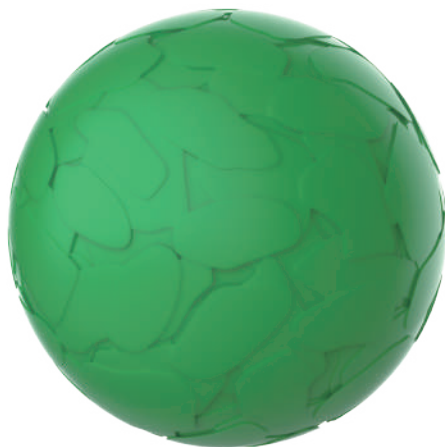
DSG处理效果示意图
Effect diagram of DSG treatment



- ★ 氨基酸表面处理。
Amino acid surface treatment.
- ★ 弱酸性，优异的亲肤性，乳脂般肤感。
Weak acidity, excellent skin affinity, creamy skin feeling.
- ★ 优异的防水效果。
Excellent waterproof effect.
- ★ 优异的色彩开发性能，亲油性极佳，细腻不浮色。
Excellent color developing performance, excellent lipophilicity, fine and smooth, non-floating.

材料类型 Type of Material	钛白粉 Titanium Dioxide	滑石粉 Talc	绢云母 Sericite
明星型号 Hot Selling	Kingruti® 90 DSG Kingruti® 0205 DSG Kingruti® 0201 DSG	Kingtalter® LS-2500 DSG	Kingcovite® 51 DSG
材料类型 Type of Material	无机色粉 Inorganic Pigment		
明星型号 Hot Selling	Kingpigment 116R DSG (氧化铁红 Red Iron Oxide)	Kingpigment 340Y DSG (氧化铁黄 Yellow Iron Oxide)	Kingpigment 920B DSG (氧化铁黑 Black Iron Oxide)
说明 Description	不同系列及不同粒径材料，均可提供DSG表面处理产品。 DSG surface treatment products are available for different series and different particle size materials.		

月桂酰赖氨酸表面处理 Lauroyl Lysine Surface Treatment



LL处理效果示意图
Effect diagram of LL treatment



月桂酰赖氨酸
Lauroyl lysine

- ★ 湿法氨基酸表面处理。
Wet amino acid surface treatment.
- ★ 在油中极易分散，具有优异的疏水性。
Easily disperse in oil, excellent hydrophobicity.
- ★ 柔软润滑，优异的皮肤亲和性。
Soft and lubricating, excellent skin affinity.
- ★ 良好的皮肤附着力和耐磨性。
Good skin adhesion and abrasion resistance.

材料类型 Type of Material	钛白粉 Titanium Dioxide	滑石粉 Talc	绢云母 Sericite
明星型号 Hot Selling	Kingruti® 90 LL	Kingtalfer® 1250 LL Kingtalfer® 2500 LL	Kingcovite® 51 LL
材料类型 Type of Material	无机色粉 Inorganic Pigment		
明星型号 Hot Selling	Kingpigment 116R LL (氧化铁红 Red Iron Oxide)	Kingpigment 340Y LL (氧化铁黄 Yellow Iron Oxide)	Kingpigment 920B LL (氧化铁黑 Black Iron Oxide)
说明 Description	不同系列及不同粒径材料，均可提供LL表面处理产品。 LL surface treatment products are available for different series and different particle size materials.		



氢化卵磷脂表面处理 Hydrogenated Lecithin Surface Treatment

- ★ 天然表面处理剂，保湿滋润；
Natural surface treatment agent, moisturizing and nourishing.
- ★ 优异的疏水性，无需研磨即可快速、均匀分散于油中；
Excellent hydrophobicity, quickly and evenly dispersed in oil without grinding.
- ★ 柔软和丝滑的感觉，高亲肤力；
Soft and silky touch, high skin affinity.
- ★ 具有助乳化性能，提升体系稳定性。
Emulsifying performance, improving stability in the system.

材料类型 Type of Material	钛白粉 Titanium Dioxide	无机色粉 Inorganic Pigment		
明星型号 Hot Selling	Kingruti® 48 HL	Kingpigment 116R HL (氧化铁红 Red Iron Oxide)	Kingpigment 340Y HL (氧化铁黄 Yellow Iron Oxide)	Kingpigment 920B HL (氧化铁黑 Black Iron Oxide)
说明 Description	不同系列及不同粒径材料，均可提供HL表面处理产品。 HL surface treatment products are available for different series and different particle size materials.			

肉豆蔻酸镁表面处理 Magnesium Myristate Surface Treatment

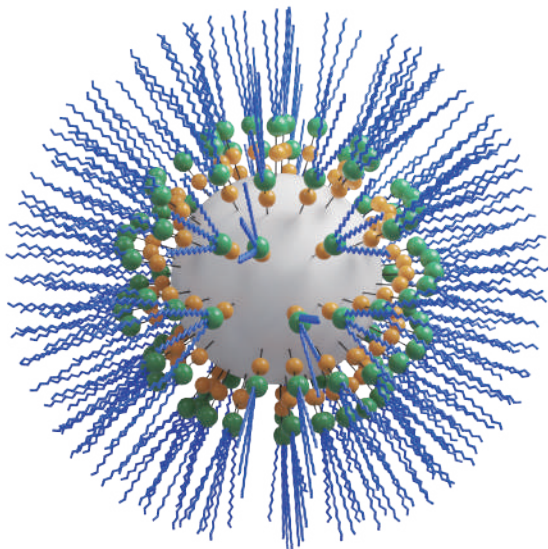


MM处理效果示意图
Effect diagram of MM treatment

- ★ 湿法金属皂表面处理。
Wet metallic soap surface treatment.
- ★ 较好的防水效果。
Preferable waterproof effect.
- ★ 良好的皮肤附着力和耐磨性。
Good skin adhesion and abrasion resistance.
- ★ 柔软丝滑的质地。
Soft and silky texture.

材料类型 Type of Material	钛白粉 Titanium Dioxide	滑石粉 Talc	绢云母 Sericite
明星型号 Hot Selling	Kingruti® 90 MM	Kingtalter® LS-1250 MM	Kingcovite® 51 MM
材料类型 Type of Material	无机色粉 Inorganic Pigment		
明星型号 Hot Selling	Kingpigment 116R MM (氧化铁红 Red Iron Oxide)	Kingpigment 340Y MM (氧化铁黄 Yellow Iron Oxide)	Kingpigment 920B MM (氧化铁黑 Black Iron Oxide)
说明 Description	不同系列及不同粒径材料，均可提供MM表面处理产品。 MM surface treatment products are available for different series and different particle size materials.		

三异硬脂酸异丙氧钛盐表面处理 Isopropyl Titanium Triisostearate Surface Treatment



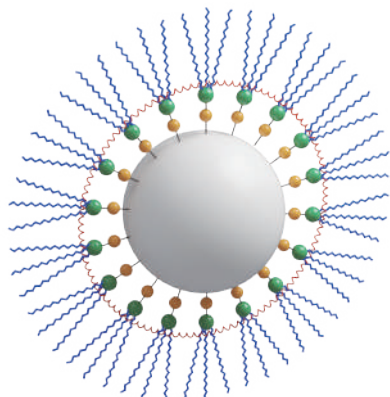
TTS处理效果示意图
Effect diagram of TTS treatment

- ★ 超低吸油量，提高配方中颜料的负载量。
Ultra-low oil absorption, increase the pigment loading in the formula.
- ★ 易分散于各种油脂中，包括高极性油脂。
Easily disperse in various greases, including highly polar greases.
- ★ 极强的防水效果。
Strong waterproof effect.
- ★ 具有柔软感，利于压制。
Soft feeling, good for to powder compaction.



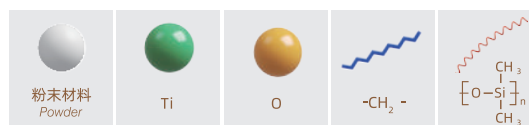
材料类型 Type of Material	钛白粉 Titanium Dioxide	滑石粉 Talc	绢云母 Sericite
明星型号 Hot Selling	Kingruti® 90 TTS	Kingtalfer® LS-1250 TTS	Kingcovite® 51 TTS
材料类型 Type of Material	无机色粉 Inorganic Pigment		
明星型号 Hot Selling	Kingpigment 116R TTS (氧化铁红 Red Iron Oxide) Kingpigment 710V TTS (群青紫 Ultramarine Violet)	Kingpigment 340Y TTS (氧化铁黄 Yellow Iron Oxide) Kingpigment 410G TTS (氧化铬绿 Chromium Oxide Green)	Kingpigment 920B TTS (氧化铁黑 Black Iron Oxide) Kingpigment 510BL TTS (群青蓝 Ultramarine Blue)
材料类型 Type of Material	有机色粉 Organic Pigment		
明星型号 Hot Selling	Kingpigment 150R TTS (红30 Red 30 Lake) Kingpigment 210R TTS (红27色淀 Red 27 Lake) Kingpigment 380Y TTS (黄5色淀 Yellow 5 Lake)	Kingpigment 160R TTS (红6 Red 6) Kingpigment 220R TTS (红28色淀 Red 28 Lake) Kingpigment 390Y TTS (黄6色淀 Yellow 6 Lake)	Kingpigment 180R TTS (红40色淀 Red 40 Lake) Kingpigment 230R TTS (红33色淀 Red 33 Lake) Kingpigment 580BL TTS (蓝1色淀 Blue 1 Lake) Kingpigment 190R TTS (红7 Red 7) Kingpigment 271R TTS (胭脂虫红 Carmine)
说明 Description	不同系列及不同粒径材料，均可提供TTS表面处理产品。 TTS surface treatment products are available for different series and different particle size materials.		

三异硬酯酸异丙氧钛盐&聚二甲基硅氧烷表面处理 Isopropyl Titanium Triisostearate & Dimethicone Surface Treatments



TTD处理效果示意图
Effect diagram of TTD treatment

- ★ 双重表面处理同时呈现硅油和钛酸酯两种处理剂的优点。
Dual surface treatment simultaneously presents the advantages of silicone oil and titanate.
- ★ 赋予色粉超强的分散性，适用于多种分散介质，包括硅油、酯类、烃类等。
Superb dispersibility, suitable for a wide range of dispersion media, such as silicone oil, esters, and hydrocarbons.



材料类型 Type of Material	钛白粉 Titanium Dioxide	无机色粉 Inorganic Pigment		
明星型号 Hot Selling	Kingruti® 90 TTD	Kingpigment 116R TTD (氧化铁红 Red Iron Oxide)	Kingpigment 340Y TTD (氧化铁黄 Yellow Iron Oxide)	Kingpigment 920B TTD (氧化铁黑 Black Iron Oxide)
说明 Description	不同系列及不同粒径材料，均可提供TTD表面处理产品。 TTD surface treatment products are available for different series and different particle size materials.			

丙烯酸(酯)类/辛基丙烯酰胺共聚物&三甲基硅烷氧基硅酸酯表面处理 Acrylates/octylacryamide Copolymer & Trimethylsiloxysilicate Surface Treatments

- ★ 双重成膜剂处理色粉，形成控收膜，长效持妆。
Dual film-forming agent treated pigment, forming makeup-controlling film for long-lasting effect.
- ★ 提升色粉的牢固度、抗迁移性，持色不暗沉。
Improve color fastness and migration resistance, long-lasting color without dullness.

材料类型 Type of Material	钛白粉 Titanium Dioxide	无机色粉 Inorganic Pigment		
明星型号 Hot Selling	Kingruti® 48 AMQ	Kingpigment 116R AMQ (氧化铁红 Red Iron Oxide)	Kingpigment 340Y AMQ (氧化铁黄 Yellow Iron Oxide)	Kingpigment 920B AMQ (氧化铁黑 Black Iron Oxide)
说明 Description	不同系列及不同粒径材料，均可提供AMQ表面处理产品。 AMQ surface treatment products are available for different series and different particle size materials.			

注：AMQ处理的色粉容易粘结，使用时需进行充分研磨分散。

Note: AMQ treated pigment is easy to bond, and needs to be fully ground and dispersed when used.

PEG-12聚二甲基硅氧烷表面处理
PEG-12 Dimethicone Surface Treatment

- ★ 亲水性佳，pH值适用范围广，配伍性好。
Excellent hydrophilicity, wide pH range, good compatibility.
- ★ 湿法表面处理，包裹均匀，可在水中形成自分散。
Wet surface treatment, uniform coating, self-dispersion in water.

材料类型 Type of Material	氮化硼 Boron Nitride		
明星型号 Hot Selling	Kingbornit® aq 3002C	Kingbornit® aq 500	Kingbornit® aq 7006
说明 Description	不同系列及不同粒径材料，均可提供PEG-12聚二甲基硅氧烷表面处理产品。 PEG-12 dimethicone surface treatment products are available for different series and different particle size materials.		

硅石表面处理
Silica Surface Treatment

- ★ 湿法表面处理，包裹均匀。
Wet surface treatment, uniform coating.
- ★ 悬浮性优异，颗粒分散均匀。
Excellent suspension property, evenly dispersed particles.
- ★ 极强亲水效果，在水中形成自分散。
Extremely hydrophilic effect, self-dispersing in water.
- ★ 匹配多种水性体系，降低分散难度。
Match various water-based systems, reducing dispersion difficulty.

材料类型 Type of Material	氮化硼 Boron Nitride		钛白粉 Titanium Dioxide
明星型号 Hot Selling	Kingbornit® aq K3002	Kingbornit® aq K500	Kingruti® aq 90
材料类型 Type of Material	无机色粉 Inorganic Pigment		
明星型号 Hot Selling	Kingpigment aq 116R (氧化铁红 Red Iron Oxide)	Kingpigment aq 340Y (氧化铁黄 Yellow Iron Oxide)	Kingpigment aq 410G (氧化铬绿 Chromium Oxide Green)
说明 Description	不同系列及不同粒径材料，均可提供硅石表面处理产品。 Silica surface treatment products are available for different series and different particle size materials.		

预分散色浆

PRE-DISPERSED SLURRY

高含量、高稳定性、低粘度，
即时便利，随心创造无限可能。

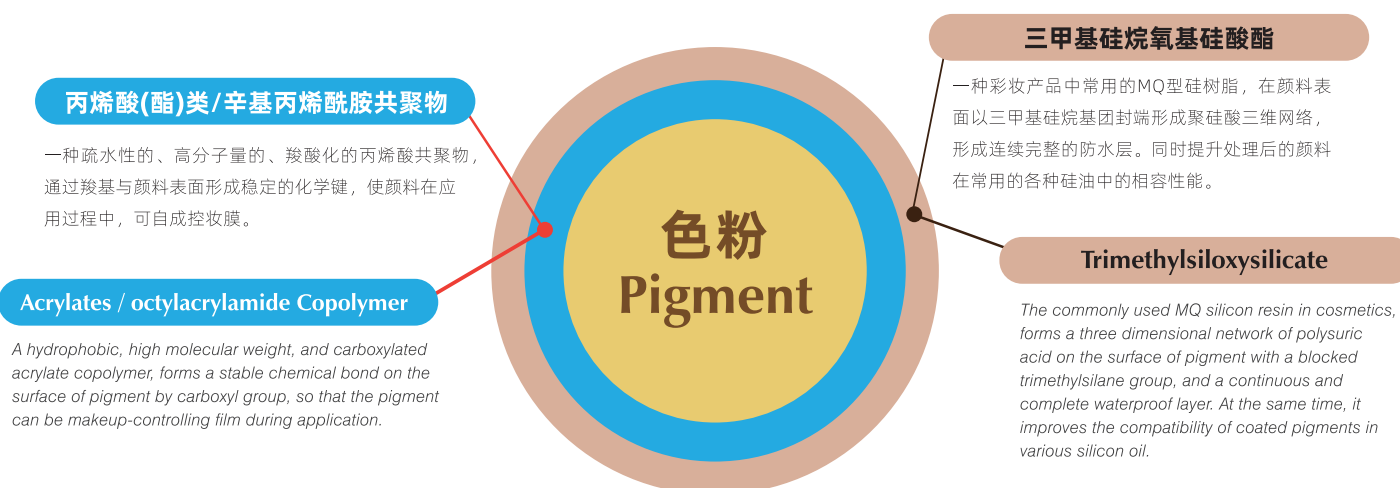
*High content, together with good stability, enables
your creation beyond whatever you imaged.*

可定制各种表面处理及分散介质的色浆。

Different surface treatment powder and dispersion medium pigment dispersion can be customized.

长效持妆粉底专用色浆 Long-wearing Foundation Specialized Pigment Slurry

- ✧ 双重成膜剂处理色粉，形成控妆膜，长效持妆。
Dual film-forming agent treated pigment, forming makeup-controlling film for long-lasting effect.
- ✧ 提升色粉的牢固度、抗迁移性，持色不暗沉。
Improved color fastness and migration resistance, long-lasting color without dullness.
- ✧ 利用联锆粉体专有的分散技术和设备，解决成膜剂高分子处理色粉在体系中的分散难题，保障最终产品的细腻度和稳定性。
Unique dispersion technology and equipment from KingPowder are used to solve the dispersion problem of pigment treated with high polymer film-former in the system, ensuring the fineness and stability of the final product.



异壬酸异壬酯分散介质 Isononyl Isononanoate Dispersion Medium

产品名称 Product Name	产品编码 Product Code	颜色 Color	色粉含量 Pigment Content	CI号 CI No.
二氧化钛 Titanium Dioxide Cosllary® 869W AMQ	131041		60%	CI 77891
氧化铁红 Red Iron Oxide Cosllary® 116R AMQ	131039		55%	CI 77491
氧化铁黄 Yellow Iron Oxide Cosllary® 340Y AMQ	131038		50%	CI 77492
氧化铁黑 Black Iron Oxide Cosllary® 920B AMQ	131040		50%	CI 77499

Cosllary® 预分散色浆

- ✧ 联锴粉体独特的粉体表面处理技术，融合高压纳米分散技术，将粉体完全分散并细磨均匀。
We can completely disperse and evenly grind the powder, by adopting the unique pigment surface treatment technology and high pressure nanoparticle dispersion technology.
- ✧ 色粉高度分散，提高着色力，同时提升产品的细腻感和体系稳定性。
The pigment powder is highly dispersed to improve the tinting strength, the texture and system stability.
- ✧ 可根据配方体系和产品性能，选择不同的表面处理剂和分散介质，定制高匹配度的色浆。
According to the formula system and product performance, different surface treatment agents and disperse medium can be customized for highly matched pigment dispersion.

无机色粉油分散浆
Inorganic Pigment Oil-based Slurry

系列 Sort	产品名称 Product Name	产品编码 Product Code	颜色 Color	色粉含量 Pigment Content	CI号 CI No.
AS表面处理 + 异壬酸异壬酯 分散介质 AS Treatment + Isononyl Isononanoate Dispersion Medium	氧化铁黄 Yellow Iron Oxide Cosllary® 347Y	131046		60%	CI 77492
	氧化铁红 Red Iron Oxide Cosllary® 116R	131027		60%	CI 77491
	氧化铁黑 Black Iron Oxide Cosllary® 926B	131067		70%	CI 77499
	二氧化钛 Titanium Dioxide Cosllary® 867W	131047		73%	CI 77891
DSG表面处理 + 异壬酸异壬酯 分散介质 DSG Treatment + Isononyl Isononanoate Dispersion Medium	氧化铁黄 Yellow Iron Oxide Cosllary® 343Y DSG	131029		50%	CI 77492
	氧化铁红 Red Iron Oxide Cosllary® 117R DSG	131030		50%	CI 77491
	氧化铁黑 Black Iron Oxide Cosllary® 923B DSG	131031		65%	CI 77499
	二氧化钛 Titanium Dioxide Cosllary® 865W DSG	131032		65%	CI 77891

有机色淀油分散浆

Organic Lake Oil-based Slurry

FDA



- ☆

采用高压高速分散技术，将色粉完全分散并研磨均匀。
With high-pressure and high-speed dispersion technology, the pigment is completely dispersed and evenly ground.
- ☆

提升产品的展色力，可降低使用量，提高性价比。
Improve color development of power, reduce consumption, better cost performance.
- ☆

易于添加，适用于各类彩妆产品，如口红、唇釉、粉膏等。
Easy to add, suitable for all types of cosmetics, such as lipstick, lip gloss, oil-based foundation.

系列 Sort	产品名称 Product Name	产品编码 Product Code	颜色 Color	色粉含量 Pigment Content	CI号 CI No.
异壬酸异壬酯 分散介质 <i>Isononyl Isononanoate Dispersion Medium</i>	红40色淀 <i>Red 40 Lake Cosllary® 180R</i>	131054		55%	CI 16035:1
	黄5色淀 <i>Yellow 5 Lake Cosllary® 380Y</i>	131055		55%	CI 19140:1
	蓝1色淀 <i>Blue 1 Lake Cosllary® 580BL</i>	131057		65%	CI 42090:2
	黄6色淀 <i>Yellow 6 Lake Cosllary® 390Y</i>	131058		55%	CI 15985:1
	红30 <i>Red 30 Lake Cosllary® 150R</i>	131059		50%	CI 73360:1
	红6 <i>Red 6 Cosllary® 160R</i>	131060		50%	CI 15850
	红7 <i>Red 7 Cosllary® 190R</i>	131061		40%	CI 15850:1
	红27色淀 <i>Red 27 Lake Cosllary® 210R</i>	131062		55%	CI 45410:2
	红28色淀 <i>Red 28 Lake Cosllary® 220R</i>	131063		55%	CI 45410:2
	红33色淀 <i>Red 33 Lake Cosllary® 230R</i>	131064		60%	CI 17200:1
	胭脂虫红 <i>Carmine Cosllary® 271R</i>	131065		60%	CI75470

有机色粉水分散浆

Organic Pigment Water-based Slurry

- ☆

色泽鲜艳，色度纯正，随心调色，打造绚丽的美妆体验。
With the advantages of bright color and pure chromaticity, Cosllary can be used to mix colors freely, design colorful and gorgeous make-up.
- ☆

优异的流动性，易于添加使用。
Excellent fluidity and very easy to add.
- ☆

适用于配制乳液、护发素、指甲油、香皂等化妆品产品。
It is suitable for formulating lotion, hair conditioner, nail polish, soap and other cosmetic products.

产品名称 Product Name	产品编码 Product Code	颜色 Color	色粉含量 Pigment Content	CI号 CI No.
黄1/ <i>Yellow 1 Cosllary® aq 370Y</i>	132105		25%	CI 11680
红5/ <i>Red 5 Cosllary® aq 170R</i>	132106		30%	CI 12490
蓝15/ <i>Blue 15 Cosllary® aq 570BL</i>	132107		30%	CI 74160

无机色粉水分散浆

Inorganic Pigment Water-based Slurry



- ☆ 具明显流动性，易于添加，简单搅拌即可分散均匀。
Outstanding fluidity, easy to add and disperse by simply stirring.
- ☆ 非常适合配置眼线液、睫毛膏、水性指彩等配方。
It is very suitable for formulations of eyeliner, mascara, water-based nail polish and so on.

产品名称 Product Name	产品编码 Product Code	颜色 Color	色粉含量 Pigment Content	CI号 CI No.
二氧化钛 Titanium Dioxide Cosllary® aq 848W	132112		60%	CI 77891
透明氧化铁红 Transparent Red Iron Oxide Cosllary® aq 6108R	132159		30%	CI77491 (nano)
透明氧化铁黄 Transparent Yellow Iron Oxide Cosllary® aq 6308Y	132163		30%	CI77492 (nano)
亚铁氰化铁铵 Ferric Ammonium Ferrocyanide Cosllary® aq 650BL	132118		25%	CI 77510
深棕色 Brown Cosllary® aq 6948BR FDA	132170		30%	CI 77491 (nano) CI 77492 (nano) CI 77266 (nano)
群青蓝 Ultramarine Blue Cosllary® aq 502BL	132129		50%	CI 77007
氧化铬绿 Chromium Oxide Green Cosllary® aq 401G	132130		60%	CI 77288
群青紫 Ultramarine Violet Cosllary® aq 701V	132131		50%	CI 77007

高防水性眼线液专用色浆

High Waterproof Eyeliner Specialized water-based Slurry



- ☆

特别设计色浆配方，大大提升眼线液产品抗水性能和抗摩擦性能，有效延长持妆时间。
Specially designed pigment dispersion can greatly enhance the water resistance and friction resistance of eyeliner products, which effectively extends the makeup time.
- ☆

具明显流动性，易于添加，简单搅拌即可分散均匀。
Outstanding fluidity, easy to add and disperse by simply stirring.

产品名称 Product Name	产品编码 Product Code	颜色 Color	色粉含量 Pigment Content	CI号 CI No.
炭黑/Carbon Black Carbon Black W-889	103041		35%	CI 77266 (nano)
炭黑/Carbon Black Carbon Black W-884 	103049		30%	CI 77266 (nano)
深棕色/Brown Cosllary® aq 6958BR 	132171		30%	CI 77491 (nano) CI 77492 (nano) CI 77266 (nano)
红5/Red 5 Cosllary® aq 171R	132114		20%	CI 12490
蓝15/Blue 15 Cosllary® aq 572BL	132119		30%	CI 74160
胭脂虫红/Carmine Cosllary® aq 271R	132120		20%	CI 75470
透明氧化铁红 Transparent Red Iron Oxide Cosllary® aq 6118R	132160		30%	CI 77491 (nano)
透明氧化铁黄 Transparent Yellow Iron Oxide Cosllary® aq 6318Y	132164		30%	CI 77492 (nano)
二氧化钛 / Titanium Dioxide Cosllary® aq 851W	132132		65%	CI 77891
氧化铁红  Red Iron Oxide Cosllary® aq 101R	132301		27%	CI 77491
氧化铁黄  Yellow Iron Oxide Cosllary® aq 301Y	132302		30%	CI 77492
深棕色/Brown  Cosllary® aq 901BR 	132303		30%	CI 77491 CI 77492 CI 77266 (nano)
黄5色淀 / Yellow 5 Lake Cosllary® aq 383Y 	132133		20%	CI 19140:1
蓝1色淀 / Blue 1 Lake Cosllary® aq 583BL 	132134		20%	CI 42090:2
红40色淀 / Red 40 Lake Cosllary® aq 183R 	132135		20%	CI 16035:1
红7 / Red 7 Cosllary® aq 193R 	132137		15%	CI 15850:1



King Powder
联谱粉体

水性指彩专用色浆

Water-based Nail Polish Specialized Pigment Slurry

- ☆ 采用高压高速分散技术，将色粉彻底分散至成膜剂中，形成均一的色浆。
With high-pressure and high-speed dispersion technology, pigment is thoroughly dispersed into film-forming agent to form uniform pigment slurry.
- ☆ 防止色粉团聚沉降，大大提升水性指彩产品的稳定性。
Prevent pigment from agglomerating and settling, greatly improving the stability of water-based nail polishes.
- ☆ 彻底分散后的色粉得以充分展色，可减少着色剂的添加量，性价比高。
The thoroughly dispersed pigment can fully develop its color, which can reduce the addition and is cost-effective.
- ☆ 使用方便，无粉尘污染，简化生产工艺。
Easy to use, no dust pollution, simplified production process.

产品名称 <i>Product Name</i>	产品编码 <i>Product Code</i>	颜色 <i>Color</i>	色粉含量 <i>Pigment Content</i>	CI号 <i>CI No.</i>
二氧化钛 / Titanium Dioxide <i>Cosllary® PU 852W</i>	132201		15%	CI 77891
氧化铁红 / Red Iron Oxide <i>Cosllary® PU 116R</i>	132202		15%	CI 77491
氧化铁黄 / Yellow Iron Oxide <i>Cosllary® PU 340Y</i>	132203		15%	CI 77492
氧化铬绿 / Chromium Oxide Green <i>Cosllary® PU 410G</i>	132204		15%	CI 77288
群青蓝 / Ultramarine Blue <i>Cosllary® PU 510BL</i>	132205		15%	CI 77007
群青紫 / Ultramarine Violet <i>Cosllary® PU 710V</i>	132206		15%	CI 77007
炭黑 / Carbon Black <i>Cosllary® PU 980B</i> 	132207		10%	CI 77266 (nano)
红5 / Red 5 <i>Cosllary® PU 170R</i>	132208		10%	CI 12490
黄1 / Yellow 1 <i>Cosllary® PU 370Y</i>	132209		10%	CI 11680
蓝15 / Blue 15 <i>Cosllary® PU 570BL</i>	132210		10%	CI 74160

Nano CARBON BLACK PRE-DISPERSION



专利号: ZL 201510781187.8

纳米炭黑分散浆

- ☆ 精选优质炭黑，耐酸碱、耐热，具有卓越的化学稳定性。
High quality carbon black, acid and alkali resistance, heat resistance, excellent chemical stability.
- ☆ 高色粉含量，着色力强。
High carbon black content and strong coloring ability.
- ☆ 优异的水基炭黑分散液，流动性好，稳定性高。
Excellent water-based carbon black dispersion, with good liquidity and stability.
- ☆ 无尘无污染，操作方便，搅拌下直接加入配方中即可。
No dust and no pollution. The product is easy to operate and be added directly with stirring into formulation.

产品名称 <i>Product Name</i>	产品编码 <i>Product Code</i>	颜料含量 <i>Content</i>	炭黑平均粒径 <i>Mean Particle Size of Carbon Black(nm)</i>	多环芳烃 <i>Total PAHs</i>	法规 <i>Regulation</i>	应用说明 <i>Application Description</i>
炭黑 <i>Carbon Black</i> FDA <i>Carbon Black W-336</i>	103048	30%	20-30	多环芳烃总量≤500ppb <i>PAHs</i> 苯并芘≤5ppb <i>Benzo[a]pyrene</i> 二苯并蒽≤5ppb <i>Dibenz[a,h]anthracene</i>	FDA认证炭黑 <i>Obtain FDA certification</i>	易于配制睫毛膏、 眼线液等产品 <i>Easily apply to mascara, liquid eyeliner, etc.</i>
					符合欧盟法规 <i>Comply with EU regulations</i>	
炭黑 <i>Carbon Black</i> <i>Carbon Black W-686</i>	103034	30%	20-30	— — —	符合中国法规 <i>Comply with Chinese regulations</i>	

分散性(图示): *Dispersibility (as shown below)*



分散性对比实验:
每张图中右边烧杯为联谱粉体纳米炭黑分散液，左侧为市场同类炭黑分散液。

测试方法:
将1滴（约0.05克）的炭黑分散液滴入100ml的蒸馏水中，在无搅拌情况下观察其在水中的分散过程及分散结果。

实验结果:
联谱粉体纳米炭黑分散液无论在分散时间、分散均匀程度、分散持久时间上都优于市场同类产品。

Dispersion experiments:
The right beaker of each picture is Nano carbon black dispersion from KingPowder, the left one is the same kind of product from market.

Testing method:
1 drop (0.05g) of the carbon black dispersed droplet into 100ml of distilled water, observe their dispersing processes under the condition of no stirring in water.

Testing result:
In dispersing time, dispersion uniformity and persistent time, nano carbon black dispersion from Kingpowder is superior to similar marketing products.



石墨烯水分散浆

GRAPHENE WATER-BASED DISPERSION

前沿科技，美妆创新

Advanced technology creates the innovation of beauty makeup.

GRAPHENE WATER-BASED DISPERSION

石墨烯水分散浆 Graphene S006

- 高比表面积:** 显色能力强, 吸附力强, 可有效清洁皮肤。
Extra large specific surface area: good colour rendering, strong adsorption capacity, could clean the skin effectively.
- 独特的光学特性:** 灰黑色调, 带珠光亮感, 光稳定性超强。
Special optical property: grey black with pearlescent light, excellent photostability.
- 独特的二维结构:** 具有抑菌、杀菌功能。
Unique dimensional structure: it's bacteriostatic and bactericidal.
- 透明片层结构:** 在较宽波长范围内, 可有效吸收紫外线。
Transparent laminated structure: effectively absorbs UV over a wide range of wavelengths.
- 良好的流动性:** 极易分散, 使用方便。
It's easy to disperse and convenient to add with good fluidity.

产品名称 Product Name	产品编码 Product Code	应用说明 Application Description
石墨烯水分散浆 Graphene Water-based Slurry Graphene S006	133004	可替代竹炭、炭黑、铁黑及水性黑色染料等, 做产品外观着色剂, 也可添加在光保护产品中。 <i>It can be a product appearance colorant, a substitution for bamboo charcoal, carbon black, iron black and water-based black dyes, and it can also be added to light protection products.</i>





无机防晒 INORGANIC SUNSCREEN

美的机密，源自纳米科技
The secret of beauty comes from the nanotechnology.

NanoT

Nano TiO₂ POWDER

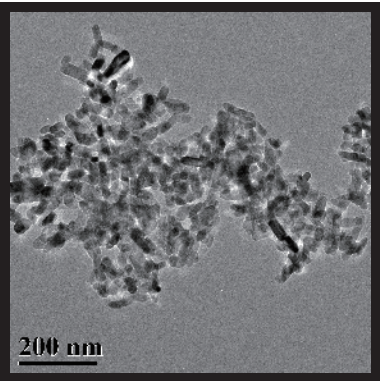
纳米二氧化钛粉末



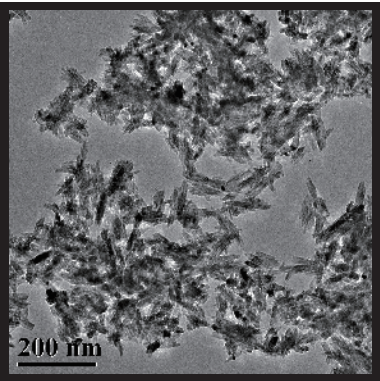
- ☆ 纯度高、晶型纯粹、优异的纯金红石型。
High purity, crystal pure, excellent pure rutile-type nano titanium dioxide.

☆ 透明性高、紫外屏蔽率高。
High transparency, high UV-shielding rate.
- ☆ 粒径分布窄。
Narrow diameter distribution.

☆ 良好的分散性。
Good dispersibility.



NanoT N30E的TEM图像
TEM image of NanoT N30E



NanoT N15E的TEM图像
TEM image of NanoT N15E



产品名称 <i>Product Name</i>	产品编码 <i>Product Code</i>	原始粒径 <i>Primary Particle Size</i>	表面处理剂 <i>Surface Treating Agent</i>	表面性质 <i>Surface Property</i>
NanoT N15E	103023	15 nm	氢氧化铝 & 硬脂酸 <i>Aluminium hydroxide & Stearic acid</i>	疏水性 <i>Lipophilic</i>
NanoT 23M	103021	30 nm	硅石 & 三乙氧基辛基硅烷 <i>Silica & Triethoxycaprylylsilane</i>	疏水性 <i>Lipophilic</i>
NanoT N30E	103017	30 nm	氢氧化铝 & 硬脂酸 <i>Aluminium hydroxide & Stearic acid</i>	疏水性 <i>Lipophilic</i>
NanoT N20E	103004	50 nm	氢氧化铝 & 硬脂酸 <i>Aluminium hydroxide & Stearic acid</i>	疏水性 <i>Lipophilic</i>
NanoT N80E AS	103098	80 nm	氢氧化铝&三乙氧基辛基硅烷 <i>Aluminium hydroxide & Triethoxycaprylylsilane</i>	疏水性 <i>Lipophilic</i>
Kingruti® 160 AS	106573	160 nm	氢氧化铝&三乙氧基辛基硅烷 <i>Aluminium hydroxide & Triethoxycaprylylsilane</i>	疏水性 <i>Lipophilic</i>
非纳米 Non-nano				
NanoT S30W	103028	30 nm	硅石 & 氢氧化铝 <i>Silica & Aluminium hydroxide</i>	亲水性 <i>Hydrophilic</i>
NanoT S25W	103005	30 nm	硅石 <i>Silica</i>	亲水性 <i>Hydrophilic</i>

NanoT

Nano TiO₂ PRE-DISPERSION

纳米二氧化钛分散浆

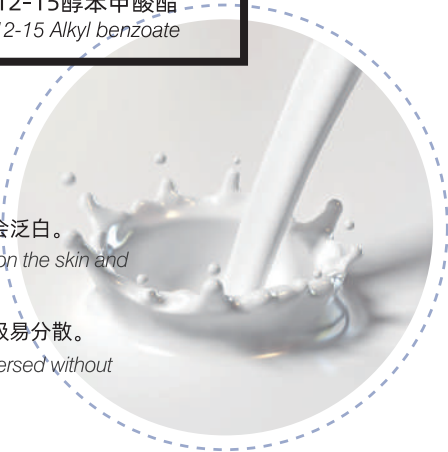


产品名称 Product Name	产品编码 Product Code	粉体含量 Powder Content	原始粒径 Primary Particle Size	分散介质 Dispersion Medium
NanoT 4015	103080	40%	15 nm	C12-15 醇苯甲酸酯 C12-15 Alkyl benzoate
NanoT 2355	103077	55%	30 nm	聚二甲基硅氧烷 Dimethicone
NanoT 4513	103001	50%	50 nm	C12-15 醇苯甲酸酯 C12-15 Alkyl benzoate
NanoT 4528	103014	50%	50 nm	碳酸二辛酯 Dicaprylyl carbonate
NanoT 5030	103002	50%	30 nm	水、甘油 Water, Glycerin
NanoT 4560	103090	65%	30 nm	C12-15醇苯甲酸酯 C12-15 Alkyl benzoate

NanoT纳米二氧化钛分散浆的优势：

The advantage of NanoT Nano titanium dioxide dispersion:

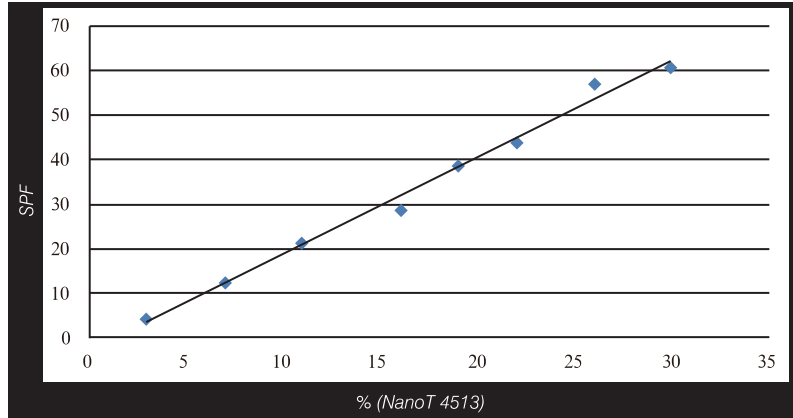
- ✧ 极佳的UV屏蔽剂，同等钛白粉含量的NanoT纳米二氧化钛分散浆对SPF贡献远远高于二氧化钛粉末。
Excellent UV screener, the same titanium dioxide content of NanoT titanium dioxide dispersion contribution on SPF value is far higher than that of titanium dioxide powder.
 - ✧ 微观尺度彻底均匀分散，不絮凝。
The micro size evenly dispersed completely, no flocculation.
- ✧ 高透明度，在皮肤上易铺展且不会泛白。
High transparency, easy to spread on the skin and not whitening.
 - ✧ 优异的流动性，可不用高剪切而极易分散。
Excellent fluidity, can be easily dispersed without high-speed stirring.
 - ✧ 简化配方及生产工艺。
Simplified formula and process.



高品质的NanoT分散浆，可以立刻提升下列类型产品的SPF性能：

High quality NanoT dispersion, immediately improve the SPF performance as follow:

- ✧ 防晒霜
Sunscreen cream
 - ✧ 防晒乳液
Sunscreen lotion
 - ✧ 粉底产品
Foundation
 - ✧ 抗衰老和美白产品
Anti-aging and whitening product
- ✧ 日霜
Day cream



该数据来源于联谱粉体实验室，UV-2000S体外测试。
The in-vitro SPF data comes from KingPowder's lab, tested with Labsphere UV-2000S.

NanoT Z
Nano ZnO POWDER
纳米氧化锌粉末



- ✧ 优异的紫外线屏蔽功能，全波段吸收UVA和UVB。
Excellent ultraviolet shielding function, adsorption of full-wave band of UVA and UVB.

✧ 优异的抗菌、抑菌功能。
Excellent antibacterial and antimicrobial function.
- ✧ 颗粒超细均匀，透明性高。
Superfine and uniform particle with high transparency.

✧ 良好的分散性。
Good dispersibility.

产品名称 Product Name	产品编码 Product Code	原始粒径 Primary Particle Size	表面处理剂 Surface Treating Agent
NanoT Z-45	103065	50 nm	----
NanoT Z-35	103010	40 nm	----
NanoT Z-45 AS	103063	50 nm	三乙氧基辛基硅烷 Triethoxycaprylsilane
NanoT Z-45 DSG	103097	50 nm	硬脂酰谷氨酸二钠 Disodium Stearoyl Glutamate
NanoT Z-35 AS	103012	40 nm	三乙氧基辛基硅烷 Triethoxycaprylsilane
NanoT Z-35 DSG	103104	40 nm	硬脂酰谷氨酸二钠 Disodium Stearoyl Glutamate
Zicode 305 新品 New 非纳米，Non-nano	106804	300 nm	----

NanoT Z
Nano ZnO PRE-DISPERSION
纳米氧化锌分散浆

- ✧ 优异的流动性，方便添加，极易分散。
Excellent fluidity, easy to add and disperse by simply stirring.
- ✧ 高透明度，在皮肤上易铺展且不会泛白。
High transparency, easy to spread on the skin and not whitening.
- ✧ 经高压工艺彻底分散，不絮凝。
It's dispersed completely by ultra-high pressure, no flocculation.



产品名称 Product Name	产品编码 Product Code	粉体含量 Powder Content	原始粒径 Primary Particle Size	分散介质 Dispersion Medium
NanoT Z-6060	103079	60%	50 nm	C12-15醇苯甲酸酯 C12-15 Alkyl benzoate
NanoT Z-6050	103078	50%	50 nm	聚二甲基硅氧烷 Dimethicone
NanoT Z-6035 新品 New	103115	60%	40 nm	C12-15醇苯甲酸酯 C12-15 Alkyl benzoate

KINGMAGIC ALLOCHROIC PARTICLES

Kingmagic 魔幻变色粒子

魔幻变色趣味无限

Magic color enjoyment is infinite.

轻抹完美贴合肤色

Gently rub it, fit the skin color perfectly.

- ✧ 先进的色粉包裹技术，是源于氧化铁等无机色粉开发的衍生产品。
Advanced pigment coated technologies, derived from inorganic pigments such as iron oxide.
- ✧ 操作使用方便，无需特殊设备。
Application convenient, do not need to use special equipment.
- ✧ 魔幻的变色效果，品种多样化，赋予高性价比的配方。
Magic effect, species diversity, which gives high cost-effective formula.

应用说明

Application Description

魔幻变色粒子要在50℃以下投入并混合均匀，混合时利用桨叶搅拌，不能均质搅拌。

Magic allochronic particles should be input and stirred under 50℃, mixed by blade instead of homogeneous method.

成品的所有过滤工程应在魔幻变色粒子的投入前结束。

All filtration process of the finished product should finish before the inputting of magic allochronic particles.

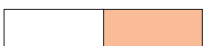
注意：要在粒子还未变软时进行产品罐装，否则可能导致粒子破损，影响产品外观。

Caution: Filling the finished product before the particles become soft, otherwise the breakage of particles may affect the product appearance.

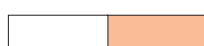
变色粒子包裹示意图
Mechanism of color changing



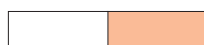
适用于油包水乳液或膏霜。
Suitable for W/O emulsion.

产品名称 Product Name	产品编码 Product Code	外层颜色 内核颜色 Outer color Inner color
Kingmagic WY-160 白变黄粒子 White-to-yellow Particles	108513	
Kingmagic WR-160 白变红粒子 White-to-red Particles	108514	
Kingmagic WG-160 白变绿粒子 White-to-green Particles	108516	
Kingmagic BS-160 白变肤色粒子 White-to-skin tone Particles	108517	
Kingmagic YW-160 新品 New 黄包白粒子 White-in-yellow Particles	108544	
Kingmagic BrW-160 新品 New 棕包白粒子 White-in-brown Particles	108547	
Kingmagic GW160 新品 New 绿包白粒子 White-in-green Particles	108548	
Kingmagic GB-160 新品 New 绿包黑粒子 Black-in-green Particles	108549	

适用于水性体系，如水性透明凝胶、水包油乳液等。
Suitable for water system, such as water gel, O/W emulsion.

产品名称 Product Name	产品编码 Product Code	外层颜色 内核颜色 Outer color Inner color
Kingmagic WY-460 白变黄粒子 White-to-yellow Particles	108523	
Kingmagic WR-460 白变红粒子 White-to-red Particles	108524	
Kingmagic WB-460 白变黑粒子 White-to-black Particles	108522	
Kingmagic BS-460 白变肤色粒子 White-to-skin tone Particles	108527	
Kingmagic WG-460 白变绿粒子 White-to-green Particles	108526	
Kingmagic WV-460 白变紫粒子 White-to-violet Particles	108528	

适用于油性体系，如粉底棒、遮瑕膏等。
Suitable for ointment, such as foundation stick, concealer.

产品名称 Product Name	产品编码 Product Code	外层颜色 内核颜色 Outer color Inner color
Kingmagic BS-360 新品 New 白变肤色粒子 White-to-skin tone Particles	108560	
Kingmagic WY-360 新品 New 白变黄粒子 White-to-yellow Particles	108561	
Kingmagic WR-360 新品 New 白变红粒子 White-to-red Particles	108562	
Kingmagic WB-360 新品 New 白变黑粒子 White-to-black Particles	108563	

Kingpimet®

WATER SOLUBLE DYES

FDA

Kingpimet® 水溶性色素

- ☆

具有亲水基团，极易溶于水基溶剂中形成均一溶液，使用方便。

With hydrophilic groups, highly soluble in water-based solvent to form a homogeneous solution, easy to use.
- ☆

可以用于给水性产品调整颜色外观。

Can be used to adjust the color appearance of water-based products.
- ☆

高安全性，已获FDA认证。

High safety, FDA approved.

产品名称 Product Name	产品编码 Product Code	颜色 Color	CI号 CI.No	法规 Regulation				
				中国 CN	日本 JP	美国 USA	欧盟/东盟 EU/ASEAN	韩国 KR
Kingpimet® R40W	119101	红40 Red 40	CI 16035	1	---	EA	1	i
Kingpimet® R28W	119102	红28 Red 28	CI 45410	1	I	M	1	ii
Kingpimet® R33W	119103	红33 Red 33	CI 17200	1	I	M 唇部≤3% Lips	1	i 唇部≤3% Lips
Kingpimet® Y5W	119104	黄5 Yellow 5	CI 19140	1	I	EA	1	i
Kingpimet® Y6W	119105	黄6 Yellow 6	CI 15985	1	I	M	1	i
Kingpimet® B1W	119106	蓝1 Blue 1	CI 42090	1	I	EA	1	i

变色色素 Color-change Dye

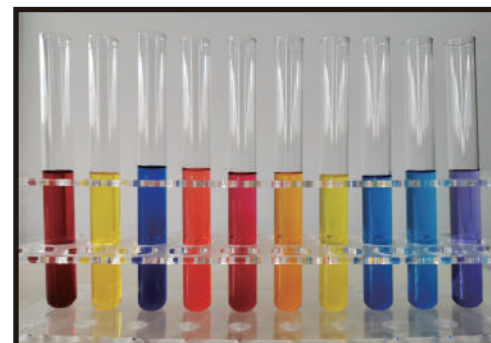
产品名称 Product Name	产品编码 Product Code	颜色 Color	CI号 CI.No	法规 Regulation				
				中国 CN	日本 JP	美国 USA	欧盟/东盟 EU/ASEAN	韩国 KR
Kingpimet® R27	119107	红27 Red 27	CI 45410	1	I	M	1	ii

LIGHT RESISTANT WATER SOLUBLE DYES

耐光照水溶性色素

联锴粉体耐光照色素具有良好的颜色稳定性、持久的耐光照性能，色素品种多样化，可应用于各种水基和水醇体系的个人护理产品中，推荐用量在0.05%-0.20%的范围，联锴粉体为您提供一套完美的光照变色的解决方案。

KingPowder's light resistant dyes have good color stability and long-term light resistant performance. A variety of dyes, can be used in various water-based and water-alcohol system of personal care products. The recommended dosage is in the range of 0.05%-0.20%. KingPowder provides you with a perfect solution for discoloration of illumination.



1% 稀释液颜色
Color of the 1% dilution

1%水溶液颜色 Color of 1% aqueous solution	产品名称 Product Name	产品编码 Product Code	CI号 CI.No	pH稳定范围 pH Stable Range	光照稳定性 Light Stability	法规 Regulation			
						美国 USA	中国 CN 欧盟 / 东盟 EU / ASEAN	日本 JP	韩国 KR
	Kingcolor R40 (红40/Red 40)	119015	16035	3-11	★★★★★	EA	1	---	i
	Kingcolor R33 (红33/Red 33)	119016	17200	3-11	★★★★★	M 唇部≤3% Lips	1	I	i 唇部≤3% Lips
	Kingcolor Y6 (黄6/Yellow 6)	119017	15985	3-11	★★★★★	M	1	I	i
	Kingcolor Y5 (黄5/Yellow 5)	119018	19140	3-11	★★★★★	EA	1	I	i
	Kingcolor B1 (蓝1/Blue 1)	119019	42090	3-11	★★★★★	EA	1	I	i
	Kingcolor B5 (蓝5/Blue 5)	119020	42051	9-12	★★★★★	---	1	---	---
	Kingcolor V2 (紫2/Violet 2)	119021	60730	3-11	★★★★★	EXT	3	IIb	ii

■ 注释 / Note:

美国 USA	中国 / 欧盟 / 东盟 CN / EU / ASEAN	日本 JP	韩国 KR
M: 可用在所有化妆品中，除了眼部。 M: It can be used in all cosmetics except eyes products. EA: 可用在所有化妆品中，包括眼部。 EA: It can be used in all cosmetics include eyes products. EXT: 外部使用 EXT: External use.	1: 颜色添加剂，可以用在所有的化妆品中。 1: Color additives, can be used in all cosmetics. 2: 颜色添加剂，可以用在所有的化妆品中，除了眼部用品。 2: Color additives, can be used in all cosmetics except eyes products. 3: 颜色添加剂，可以用在不接触黏膜的化妆品中。 3: Color additive, can be used in cosmetics that do not touch the mucous membrane.	I: 合成色素，可以用在所有药物、类药物以及化妆品中。 I: Synthetic dyes, can be used in all medicines, generics and cosmetics. II: 合成色素，可以用在外用的药物、类药物以及化妆品中。 II: Synthetic dyes, can be used in medicines, generics and cosmetics for external use. IIa: 除了眼部。 IIa: Except the eyes. IIb: 除了口腔黏膜。 IIb: Except the mucous membrane. IIc: 除了眼部和口腔黏膜。 IIc: Except the eyes and the mucous membrane.	i: 可用于所有化妆品。 I: Permitted in all cosmetics. ii: 不能用于眼睛周围和嘴唇。 I: Can not be applied to eye area and lips.

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