



Auspika Series

Pearlescent pigment

吉祥红系列珠光材料

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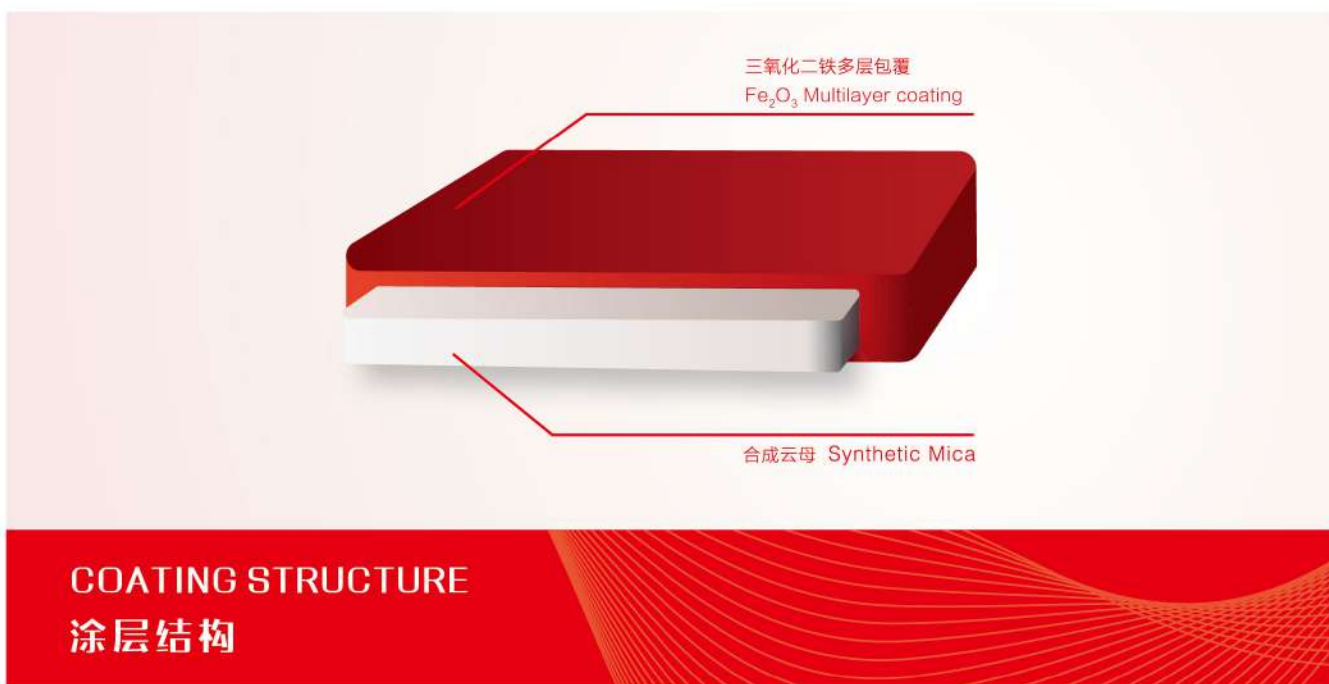
吉祥红系列精选优质合成云母为基材，使用特殊工艺通过数层反复包覆加工而成，具有色泽炫丽、色彩纯正、超强闪烁等特点。

Auspika一词由英文单词Auspicious（吉祥如意）与瑞彩英文名称RIKA一词组合而成，喻意瑞彩产品为客户带来吉祥如意。吉祥红系列产品由极具中国特色的杏黄色、朱砂色等颜色构成，其浓烈鲜艳的颜色描绘了对生活的热情和美好的愿景。

RIKA Auspika series products show pure, intense, high color chroma shade with super bright and glamorous luster, for which, high-quality synthetic mica is chosen as core, followed by precise multi-layer coating process.

"Auspika" is a combined word of Auspicious (good luck) and RIKA, showing our full heart wishes that the products can bring our customers good luck. Auspika series pearlescent pigment is available in Chinese symbolic auspicious colors, Chinese apricot, cinnabar and so on. These colors show the eternal passion and the imperishable expectation for life.

- 精选优质合成云母为基材
 - 颜色鲜艳, 色泽靓丽纯正
 - 超强闪烁, 高光泽度
 - 均匀的粒径分布, 良好的产品遮盖力
- High-quality synthetic mica as core
 - Pure, intense chroma
 - Super shiny effect, high brightness
 - Uniform particle size distribution, and high coverage



RK59060C1 琥珀Amber 10- 60 μ m

产品成分	出厂标准	CAS No.	EC No.	CI No.	Composition	Content	CAS No.	EC No.	CI No.
合成云母	53%-63%	12003-38-2	234-426-5		Fluorophlogopite	53%-63%	12003-38-2	234-426-5	
三氧化二铁	37%-47%	1309-37-1	215-168-2	77491	Diiron Trioxide(Fe ₂ O ₃)	37%-47%	1309-37-1	215-168-2	77491

检测项目	出厂标准	检测方法 & 标准	Test items	Product Information	Test method
形态	流动琥珀色粉末	瑞彩内部检测方法	Appearance	Apricot, free flowing powder	RIKA In House Method
气味	无气味	瑞彩内部检测方法	Odor	odorless	RIKA In House Method
粒径范围	10-60 μ m (80%粒径在范围内)	激光粒度检测方法	Particle size	10- 60 μ m (80% under this range)	Laser diffraction measurement
PH值	4-11 (10%悬浮液)	ISO787-9	pH value	6-11(10% aqueous suspension)	ISO787- 9
干燥失重	\leq 0.5% (105 $^{\circ}$ C)	ISO787-2	Loss on drying	0.5% (105 C)	ISO787- 2
吸油量	60-95g/100g	ISO787-5	Oil absorption	60- 95g/100g	ISO787- 5
密度 (20 $^{\circ}$ C)	2.8-3.5g/cm ³	ISO787-10	Density (20 $^{\circ}$ C)	2.8- 3.5g/cm ³	ISO787- 10
体积密度	25-35g/100ml	ISO60-2000	Bulk density	25- 35g/100ml	ISO60- 2000

重金属	出厂标准	检测方法 & 标准	Heavy metal	Product Information	Test method
铅 (Pb)	<10 ppm	ICP/ICP-MS	Lead (Pb.)	<10 ppm	ICP/ICP-MS
锑 (Sb)	<2 ppm	ICP/ICP-MS	Antimony (Sb.)	<2 ppm	ICP/ICP-MS
砷 (As)	<2 ppm	ICP/ICP-MS	Arsenic (As.)	<2 ppm	ICP/ICP-MS
钡 (Ba)	<50 ppm	ICP/ICP-MS	Barium (Ba.)	<50 ppm	ICP/ICP-MS
镉 (Cd)	<3 ppm	ICP/ICP-MS	Cadmium (Cd.)	<3 ppm	ICP/ICP-MS
铬 (Cr)	<100 ppm	ICP/ICP-MS	Chrome (Cr.)	<100 ppm	ICP/ICP-MS
汞 (Hg)	<1 ppm	ICP/ICP-MS	Mercury (Hg.)	<1 ppm	ICP/ICP-MS
硒 (Se)	<10 ppm	ICP/ICP-MS	Selenium (Se.)	<10 ppm	ICP/ICP-MS
铜 (Cu)	<50 ppm	ICP/ICP-MS	Copper (Cu.)	<50 ppm	ICP/ICP-MS
镍 (Ni)	<10 ppm	ICP/ICP-MS	Nickel (Ni.)	<10 ppm	ICP/ICP-MS
锌 (Zn)	<50 ppm	ICP/ICP-MS	Zinc (Zn.)	<50 ppm	ICP/ICP-MS
钴 (Co)	<30 ppm	ICP/ICP-MS	Cobalt(Co.)	<30 ppm	ICP/ICP-MS

以上技术参数为RK59060C1的参数, 如需其他产品请向我司工作人员咨询。

This is the technical data of RK59060C1. If you need data of any other types, please contact us.

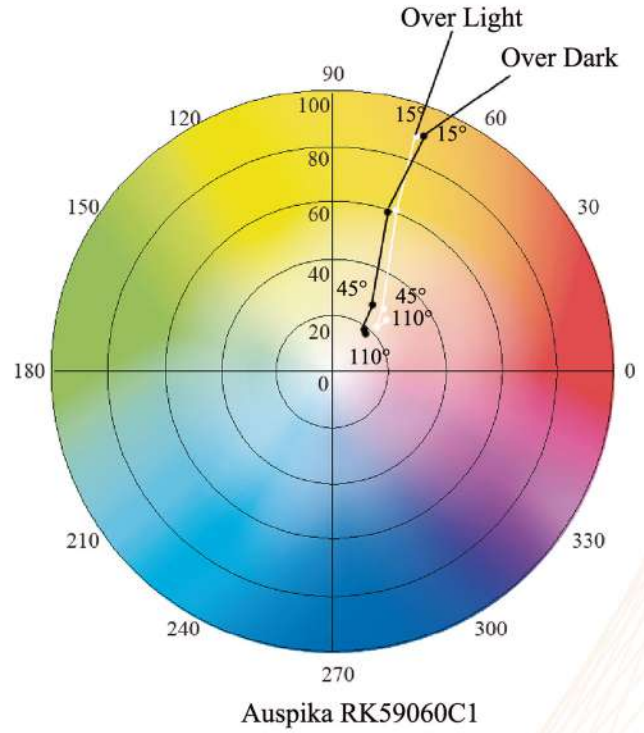
Technical Data 技术参数

检测设备/Color by:

美国爱色丽色差仪X-Rite MA98 D65/10°

检测方法: 检测结果以刮卡涂膜为基础, 刮卡以10%
珠光粉, 90%树脂的配方刮涂, 刮涂厚度100μm。

Test result is made based on drawdown, 10% dosage
pearl pigment in 90% resin, 100μm film thickness.

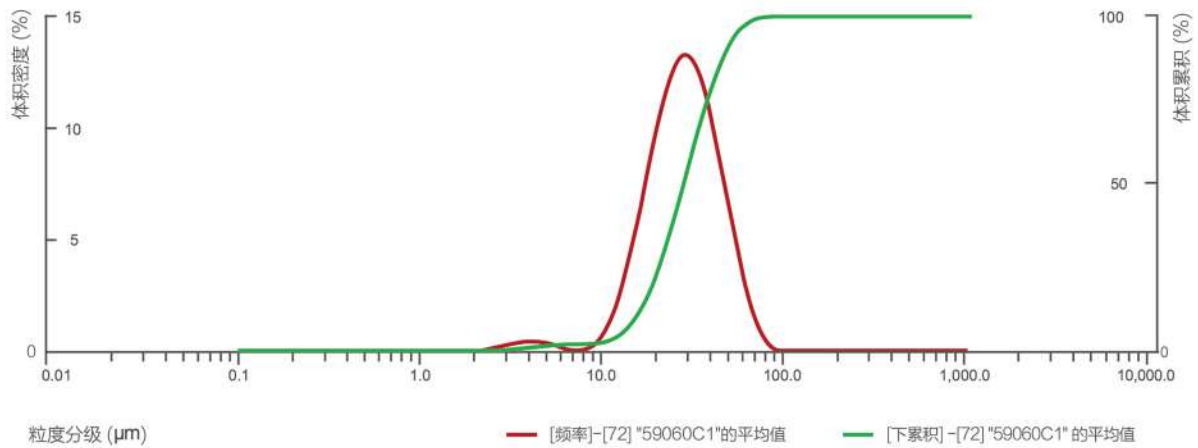


Code	Angle	White Base					Black Base				
		L*	a*	b*	c*	h°	L*	a*	b*	c*	h°
	45as15	115.33	31.58	84.85	90.53	69.59	113.53	30.96	83.88	89.41	69.74
	45as25	68.17	23.39	56.08	60.76	67.36	66.16	21.83	55.00	59.17	68.35
RK59060C1	45as45	30.19	15.89	23.94	28.74	56.43	26.77	12.91	23.77	27.05	61.50
	45as75	21.90	15.31	15.88	22.06	46.04	15.89	11.60	15.58	19.42	53.34
	45as110	20.08	17.96	16.52	24.41	42.61	12.99	12.10	13.92	18.44	49.01

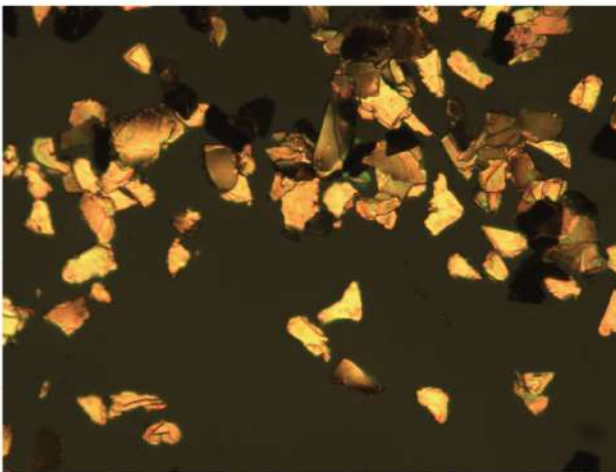


RK59060C1 通过激光衍射测量技术测定的粒径分布图

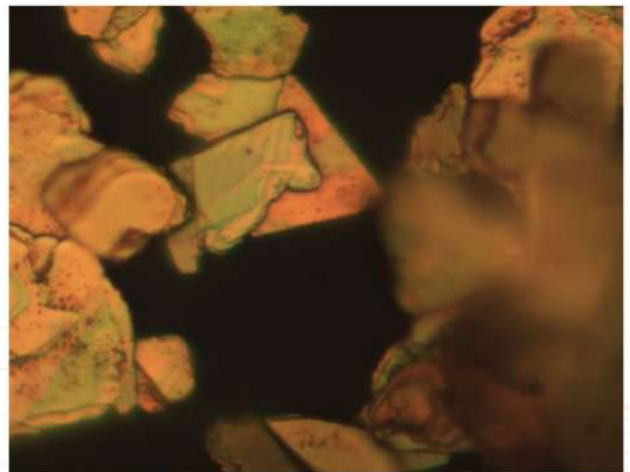
检测设备/Test By: 英国马尔文激光粒度仪Malvern Mastersizer 3000E



RK59060C1显微镜图



显微镜下100倍 RK59060C1 粉体颗粒亮仓图片
Micrograph of RK59060C1, 100 times



显微镜下400倍 RK59060C1 粉体颗粒亮仓图片
Micrograph of RK59060C1, 400 times

Composition

Code	颜色	Product Name	Particle Size(μm)	Mica	Synthetic mica	Fe ₂ O ₃
RK59060C1	琥珀	Amber	10-60		●	●
RK59060C2	杏黄	Apricot	10-60		●	●
RK59060C3	彤	Sunny	10-60		●	●
RK59060C4	丹砂	Vermilion	10-60		●	●
RK59060R	朱砂	Cinnabar	10-60		●	●
RK59060R1	绯红	Crimson	10-60		●	●
RK59060M	枣红	Claret	10-60		●	●
RK53060R	胭脂	Rouge	10-60	●		●



RK59060C1

琥珀 Amber 10-60 μ m



RK59060C2

杏黄 Apricot 10-60 μ m



RK59060C3

彤 Sunny 10-60 μ m



RK59060C4

丹砂 Vermilion 10-60 μ m

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RK59060R

朱砂 Cinnabar 10-60 μ m



RK59060R1

绯红 Crimson 10-60 μ m



RK59060M

枣红 Claret 10-60 μ m



RK53060R

胭脂 Rouge 10-60 μ m



400 800 1118

吉祥红系列珠光材料能够应用在绝大多数室内室外应用领域, 如: 汽车涂料、室内外装饰涂料、塑料塑胶、特种纸业等, 能够赋予产品独具特色的视觉体验, 使您的产品更好的抓住客户眼球。

Auspika can be used in vast majority of indoor and outdoor applications, such as automotive coatings, interior decorative coatings, plastic, special paper coating. It can add a unique visual effect to the products, making them more attractive.



REACH

合成云母及三氧化二铁已完成REACH后预注册；此系列产品中的所有成分不在REACHEC1907/2006附件17列表及SVHC列表（最新更新2017.07.07）中。

玩具行业/可刮取的玩具材料

欧盟 EN71-3:2013法规。

电子电器行业

欧盟法规RoHS (2011/65/EU)。

塑料涂料行业/食品接触材料

欧盟法规EU 10/2011(最新修订版2017/752)

预期与食品接触的塑料材料和制品&美国法规 FDA 21 CFR

175.300—树脂和聚合物涂层

REACH

Synthetic mica/Fluorophlogopite and diiron trioxide are pre-registered;
absence of substances listed in 'Annex XVII to EC Reg. 1907/2006;absence of substances listed in the "Candidate List" updated at 07/07/17 (REACH Reg.)

Toy/Scraped-off toy material

comply with EN 71-3:2013.

Electrical and electronic equipment

comply with RoHS (2011/65/EU) .

Food contact

comply with EU 10/2011 (newest amendment EU 2017/752)

On plastic materials and articles intended to come into contact with food & FDA 21 CFR 175.300--Resinous and polymeric coatings



REACH Certification



欧盟儿童玩具检测认证

Toy/Scraped-off toy material Certification



Electrical and electronic equipment Certification



FDA Certification



瑞彩科技股份有限公司

RIKA TECHNOLOGY CO.,LTD



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