



# 变色龙系列珠光材料

## CHAMELEON SERIES

### PEARLESCENT PIGMENTS

## 变色龙系列珠光材料

变色龙系列珠光材料，是以不同径厚比基材严格控制粒径和基材品质为基础，通过多层和多种金属氧化物精确控制包覆厚度，从而制备的超强色度且随角异色系列产品。是一种创新光学效果的特殊材料，有着梦幻般色彩及高镜面效果。

正如“善变”的树栖爬行类动物变色龙，在自然界中它当之无愧是“伪装高手”，它不是靠色素细胞变色，而是靠调节皮肤表面的纳米晶体，通过改变光的折射而变色的。变色龙系列珠光材料应用这种原理，通过改变观察它的方向，就能够欣赏到灵活多变的会流动的色彩。

Chameleon generates unique optical illusions that show multi-colors depending on the viewing angle. With strong mirror-like effects, Chameleon series is controlled by strict particle size distributions and multi-layer metal oxide coatings that deliver high luster and strong color-shifting effects.

### 产品特性特征

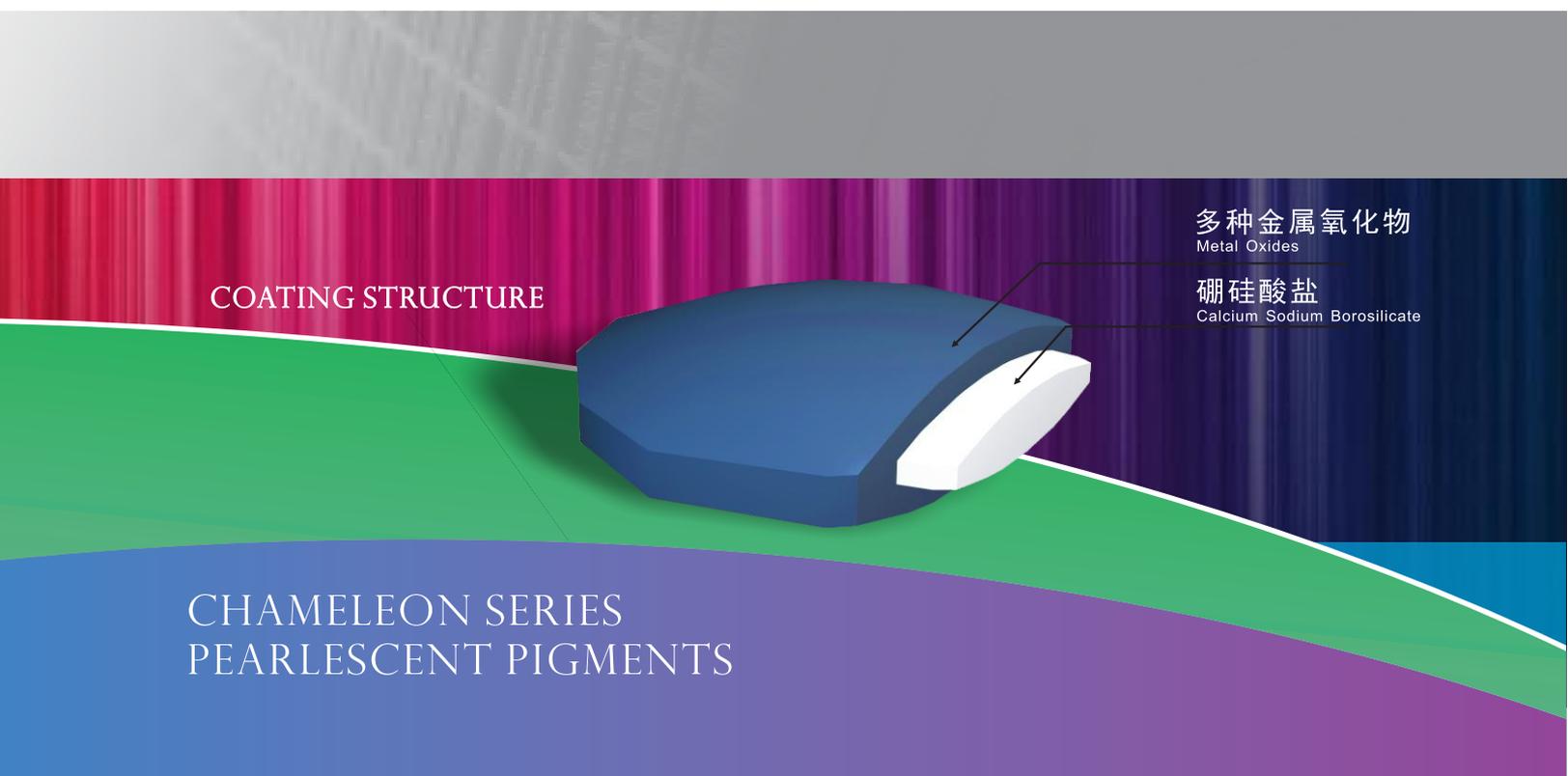
- 卓越的变化效果  
High transparent substrate ensures purity
- 多样的色彩变化，色浓度表现优异  
Strong variation of color effects dependent on the angle of observation
- 光泽度优于市场同类产品  
Sophisticated color with elegant luster



## 包覆图 COATING STRUCTURE

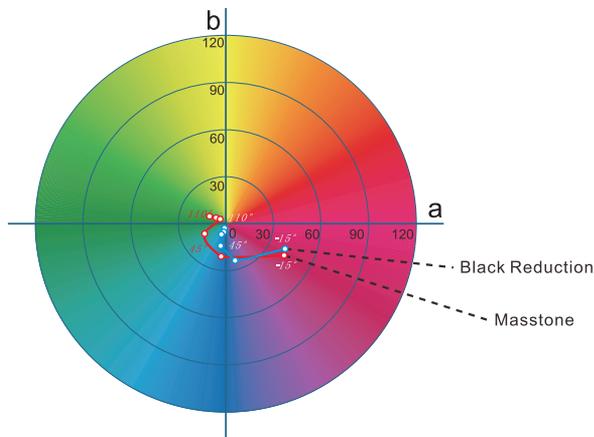
变色龙系列珠光材料是以新型合成高透明度的片状硼硅酸盐为基材，以全新加工工艺和多种金属氧化物精密包覆而成，产生绚丽闪亮的干涉色泽。通过多种专业设备的检测，保证产品品质及稳定性。

Chameleon series pearlescent pigment is based on flaky borosilicate. The transparent substrate provides a strong refractable base to be finely coated with metal oxides and achieving the shining colorful effect under sunlight.

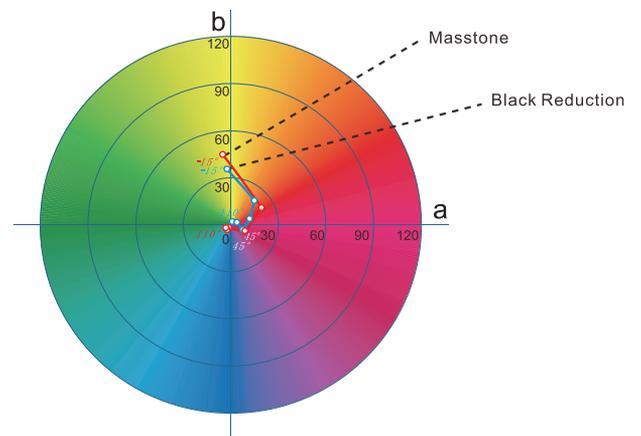


# 产品数据 TESTING DATA BY BYK mac i

	Masstone					95/5 Black Reduction					
	L*	a*	b*	c*	h'	L*	a*	b*	c*	h'	
KC19818D	-15°	97.58	40.92	-26.67	48.85	326.91	49.68	35.74	-21.27	41.6	329.24
	15°	92.87	-0.7	-25.75	25.76	268.43	45.58	8.68	-26.9	28.27	287.88
	25°	80.68	-12.81	-10.97	16.87	220.57	33.48	-5.96	-15.72	16.81	249.25
	45°	64.85	-6.74	3.06	7.41	155.57	17.75	-8.62	-5.43	10.19	212.22
	75°	60.59	-4.24	10.4	11.23	112.18	10.41	-3.12	-3.16	4.44	225.36
	110°	58.19	-7.64	10.33	12.85	126.46	6.85	-0.71	-2.34	2.45	253.22
KC19835C	-15°	138.25	-5.02	46.98	47.24	96.1	68.61	-2.48	36.37	36.45	93.89
	15°	120.95	23.88	11.94	26.7	26.57	60.64	16.76	15.16	22.6	42.13
	25°	83.98	13.64	-2.55	13.87	349.41	34.24	11.72	2.49	11.98	11.99
	45°	59.77	-3.64	-4.08	5.47	228.2	14.68	5.1	-1.84	5.42	340.13
	75°	55.62	-7.46	-4.55	8.74	211.39	8.36	2.4	0.2	2.41	4.78
	110°	54.53	-1.01	-7.23	7.3	262.01	5.31	0.55	0.92	1.07	58.88



KC19818D



KC19835C

## TECHNICAL DATA

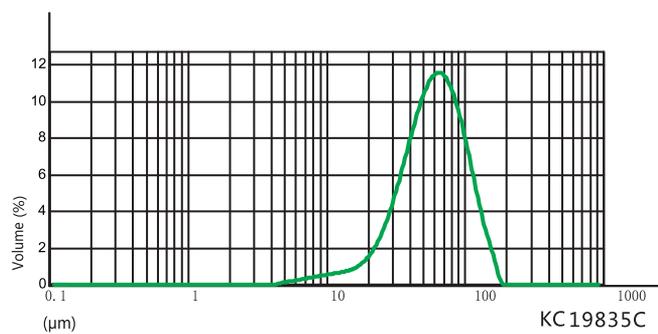
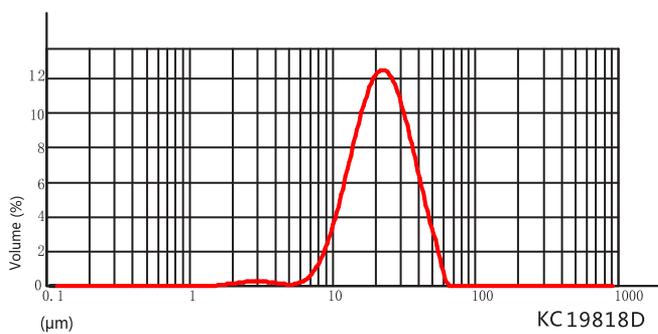
CHAMELEON SERIES  
PEARLESCENT PIGMENTS

# CHAMELEON SERIES

PEARLESCENT  
PIGMENTS



## PARTICLE SIZE DISTRIBUTION 粒径分布图



# CHAMELEON SERIES PEARLESCENT PIGMENTS

## 应用特点 APPLICATION

### 化妆品： ▶

飞舞在指尖的色彩变幻让人们变色龙系列产品更有了新的认识，指甲油对变色效果的追捧更为严苛，从色彩搭配到粒径的选择，目前变色龙系列珠光材料均能满足其要求。



### ▲ AUTOMOTIVE PAINTS

Our chameleon series is suitable for coating applications, such as industrial coatings, powder, leather coatings and dispersion paints. Chameleon series also gives fascinating color shifts to plastics and print products.



#### ◀ COSMETICS

For nail polish designer, the formulation with our Chameleon series could be a good choice. Such fascinating changing color never faded in color trend of nail polish.

#### ◀ 汽车涂料：

随角异色的变色龙系列珠光材料在汽车涂料的应用，给汽车增添亮点，打破传统色彩单一的格局，强势打造车流中最为耀眼的效果。

Code	Product Name	Particle Size ( $\mu\text{m}$ )	Composition			
			Borosilicate	TiO <sub>2</sub>	SnO <sub>2</sub>	SiO <sub>2</sub>
KC19804A	极强的闪亮金红 Super Sparkle Gold / Red	50-200	✓	✓	✓	✓
KC19805A	极强的闪亮金红紫 Super Sparkle Gold / Red/Violet	50-200	✓	✓	✓	✓
KC19815A	极强的闪亮红紫蓝 Super Sparkle Red / Violet/Blue	50-200	✓	✓	✓	✓
KC19816A	极强的闪亮红紫蓝 Super Sparkle Red / Violet/Blue	50-200	✓	✓	✓	✓
KC19819A	极强的闪亮紫蓝绿 Super Sparkle Violet/Blue/Green	50-200	✓	✓	✓	✓
KC19825A	极强的闪亮蓝绿金 Super Sparkle Blue / Green/Gold	50-200	✓	✓	✓	✓
KC19835A	极强的闪亮绿金红 Super Sparkle Green/Gold/Red	50-200	✓	✓	✓	✓

Note : PH:7-11

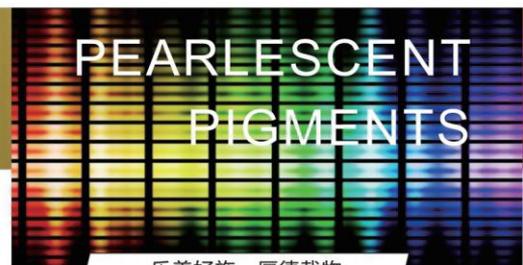
KC19804A  
极强的闪亮金红  
50 - 200 $\mu\text{m}$



KC19805A  
极强的闪亮金红紫  
50 - 200 $\mu\text{m}$



## CHAMELEON SERIES



乐善好施，厚德载物

KC19815A  
极强的闪亮红紫蓝  
50 - 200 $\mu$ m



KC19816A  
极强的闪亮红紫蓝  
50 - 200 $\mu$ m



KC19819A  
极强的闪亮紫蓝绿  
50 - 200 $\mu$ m



KC19825A  
极强的闪亮蓝绿金  
50 - 200 $\mu$ m



KC19835A  
极强的闪亮绿金红  
50 - 200 $\mu$ m



变色龙系列珠光材料

			Composition			
Code	Product Name	Particle Size ( $\mu\text{m}$ )	Borosilicate	TiO <sub>2</sub>	SnO <sub>2</sub>	SiO <sub>2</sub>
KC19804B	特强的闪亮金红 Special Flash Gold / Red	40-150	✓	✓	✓	✓
KC19805B	特强的闪亮金红紫 Special Flash Gold / Red/Violet	40-150	✓	✓	✓	✓
KC19815B	特强的闪亮红紫蓝 Special Flash Red / Violet/Blue	40-150	✓	✓	✓	✓
KC19816B	特强的闪亮红紫蓝 Special Flash Red / Violet/Blue	40-150	✓	✓	✓	✓
KC19817B	特强的闪亮紫蓝绿 Special Flash Violet/Blue/Green	40-150	✓	✓	✓	✓
KC19819B	特强的闪亮紫蓝绿 Special Flash Violet/blue/green	40-150	✓	✓	✓	✓
KC19824B	特强的闪亮蓝绿金 Special Flash Blue/green/gold	40-150	✓	✓	✓	✓
KC19825B	特强的闪亮蓝绿金 Special Flash Blue/green/gold	40-150	✓	✓	✓	✓
KC19835B	特强的闪亮绿金红 Special Flash green/gold/Red	40-150	✓	✓	✓	✓

Note : PH:7-11

KC19804B  
特强的闪亮金红  
40 - 150 $\mu\text{m}$



KC19805B  
特强的闪亮金红紫  
40 - 150 $\mu\text{m}$



KC19815B  
特强的闪亮红紫蓝  
40 - 150 $\mu\text{m}$



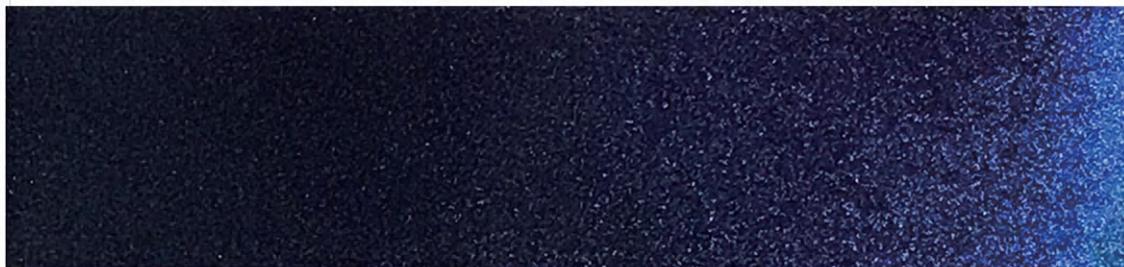
## CHAMELEON SERIES

PEARLESCENT  
PIGMENTS



乐善好施，厚德载物

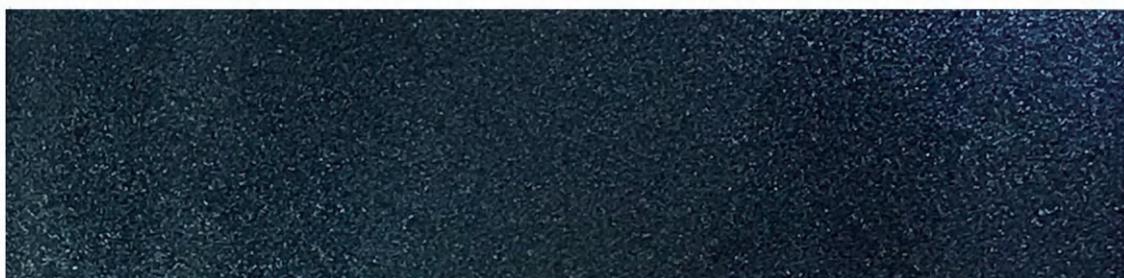
KC19816B  
特强的闪亮红紫蓝  
40 - 150 $\mu$ m



KC19817B  
特强的闪亮紫蓝绿  
40 - 150 $\mu$ m



KC19819B  
特强的闪亮紫蓝绿  
40 - 150 $\mu$ m



KC19824B  
特强的闪亮蓝绿金  
40 - 150 $\mu$ m



KC19825B  
特强的闪亮蓝绿金  
40 - 150 $\mu$ m



KC19835B  
特强的闪亮绿金红  
40 - 150 $\mu$ m



		Composition				
Code	Product Name	Particle Size ( $\mu\text{m}$ )	Borosilicate	TiO <sub>2</sub>	SnO <sub>2</sub>	SiO <sub>2</sub> Fe <sub>2</sub> O <sub>3</sub>
KC19804C	很强的闪亮金/红 Very Flash Gold / Red	30-100	✓	✓	✓	✓
KC19805C	很强的闪亮金/红/紫 Very Flash Gold / Red/ Violet	30-100	✓	✓	✓	✓
KC19815C	很强的闪亮红/紫/蓝 Very Flash Red /violet/Blue	30-100	✓	✓	✓	✓
KC19819C	很强的闪亮紫/蓝/绿 Very Flash Violet/Blue/Green	30-100	✓	✓	✓	✓
KC19825C	很强的闪亮蓝/绿/金 Very Flash Blue /Green/Gold	30-100	✓	✓	✓	✓
KC19830C	很强的闪亮绿/金 Very Flash Green/Gold	30-100	✓	✓	✓	✓
KC19835C	很强的闪亮绿/金/红 Very Flash Green/Gold/Red	30-100	✓	✓	✓	✓

Note : PH:7-11

KC19804C  
很强的闪亮金/红  
30 - 100 $\mu\text{m}$



KC19805C  
很强的闪亮金/红/紫  
30 - 100 $\mu\text{m}$



## CHAMELEON SERIES



PEARLESCENT  
PIGMENTS

乐善好施，厚德载物

KC19815C  
很强的闪亮红/紫/蓝  
30 - 100μm



KC19819C  
很强的闪亮紫/蓝/绿  
30 - 100μm



KC19825C  
很强的闪亮蓝/绿/金  
30 - 100μm



KC19830C  
很强的闪亮绿/金  
30 - 100μm



KC19835C  
很强的闪亮绿/金/红  
30 - 100μm



变色龙系列珠光材料

		Composition						
Code	Product Name	Particle Size ( $\mu\text{m}$ )	Synthetic Mica	TiO <sub>2</sub>	SnO <sub>2</sub>	Fe <sub>2</sub> O <sub>3</sub>	SiO <sub>2</sub>	Co <sub>2</sub> O <sub>3</sub>
KC19805D	闪亮金红紫 Flash Gold /Red/Violet	10-45	✓	✓	✓		✓	✓
KC19815D	闪亮红紫蓝 Flash Red /Violet/Blue	10-45	✓	✓	✓		✓	✓
KC19818D	闪亮绿蓝紫 Flash Green/Blue/Violet	10-45	✓	✓	✓		✓	✓
KC19819D	闪亮紫蓝绿 Flash Violet/Blue/Green	10-45	✓	✓	✓		✓	✓
KC19825D	闪亮蓝绿金 Flash Blue /Green/Gold	10-45	✓	✓	✓		✓	✓

Note : PH: 5-8

Note : PH: 5-8

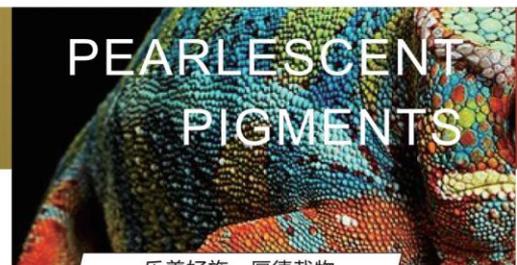
KC19805D  
闪亮金红紫  
10 - 45 $\mu\text{m}$



KC19815D  
闪亮红紫蓝  
10 - 45 $\mu\text{m}$



## CHAMELEON SERIES



PEARLESCENT  
PIGMENTS

乐善好施，厚德载物

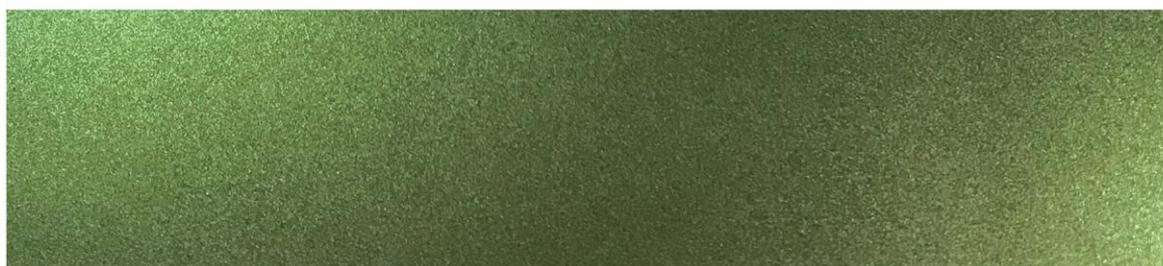
KC19818D  
闪亮绿蓝紫  
10 - 45 $\mu$ m



KC19819D  
闪亮紫蓝绿  
10 - 45 $\mu$ m



KC19825D  
闪亮蓝绿金  
10 - 45 $\mu$ m



变色龙系列珠光材料

		Composition						
Code	Product Name	Particle Size (μm)	Synthetic Mica	TiO <sub>2</sub>	SnO <sub>2</sub>	Fe <sub>2</sub> O <sub>3</sub>	SiO <sub>2</sub>	Co <sub>2</sub> O <sub>3</sub>
KC19835D	闪亮绿金白红 Flash Green/Gold/White/Red	10-45	✓	✓	✓		✓	✓
KC19501D	闪亮金红紫 Flash Gold/Red/Violet	10-45	✓	✓		✓	✓	
KC19502D	闪亮棕红紫 Flash Brown/Red/Violet	10-45	✓	✓		✓	✓	
KC19504D	闪亮紫红蓝绿 Flash Mauve/Blue/Green	10-45	✓	✓		✓	✓	

Note : PH: 5-8

KC19835D  
闪亮绿金白红  
10 - 45μm



KC19501D  
闪亮金红紫  
10 - 45μm



KC19502D  
闪亮棕红紫  
10 - 45μm



KC19504D  
闪亮紫红蓝绿  
10 - 45μm



## CHAMELEON SERIES



乐善好施，厚德载物

		Composition					
Code	Product Name	Particle Size ( $\mu\text{m}$ )	Synthetic Mica	TiO <sub>2</sub>	Fe <sub>2</sub> O <sub>3</sub>	SnO <sub>2</sub>	SiO <sub>2</sub>
KCI9500F	<b>炫闪绿黄橙</b> Mara Flashing Green /Yellow /Orange	25-100	✓	✓	✓	✓	✓
KCI9504F	<b>炫闪红紫蓝</b> Mara Flashing Red /Violet/Blue	25-100	✓	✓	✓	✓	✓
KCI9505F	<b>炫闪紫蓝绿</b> Mara Flashing Violet /Blue/Green	25-100	✓	✓	✓	✓	✓
KCI9507F	<b>炫闪黄橙红</b> Mara Flashing Yellow /Orange/Red	25-100	✓	✓	✓	✓	✓
KCI9508F	<b>炫闪红绿</b> Mara Flashing Red /Green	25-100	✓	✓	✓	✓	✓

Note : PH: 4-9

KCI9500F  
炫闪绿黄橙  
25 - 100 $\mu\text{m}$



KCI9504F  
炫闪红紫蓝  
25 - 100 $\mu\text{m}$



## CHAMELEON SERIES

PEARLESCENT  
PIGMENTS

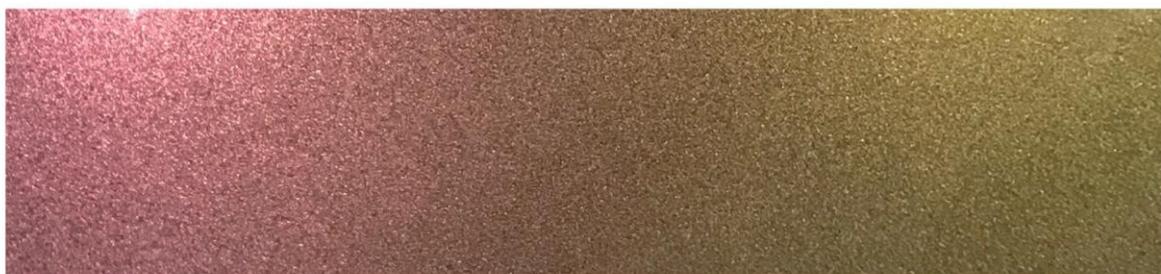


乐善好施，厚德载物

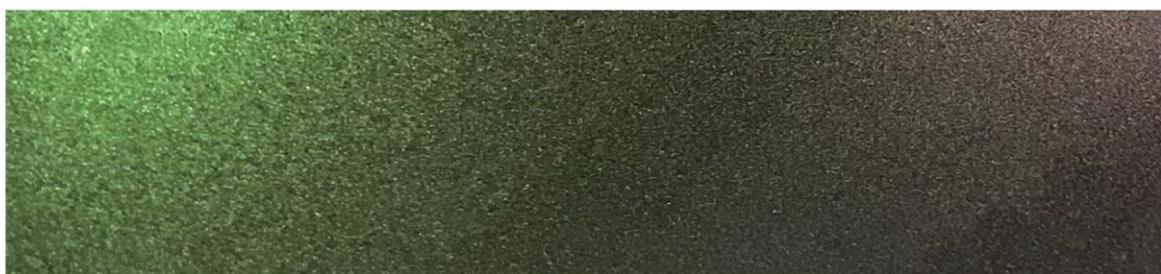
KC19505F  
炫闪紫蓝绿  
25 - 100μm



KC19507F  
炫闪黄橙红  
25 - 100μm



KC19508F  
炫闪红绿  
25 - 100μm



变色龙系列珠光材料



坤彩公众号



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