

CR-350

攀钢CR-350是一种采用氯化法工艺生产的通用型金红石钛白粉颜料，产品以优质的精TiCl₄ 为原料，采用良好粒径控制技术以及锆、铝无机包膜、复合有机处理工艺，产品具有优异的色相、光泽度、分散细度、遮盖性能以及良好的耐候、耐高温性能，可广泛应用于涂料、油墨、塑料等领域。

推荐应用领域

- 高端装饰涂料
- 油墨
- 汽车修补漆
- 工业涂料
- 塑料

产品储存

避免产品受潮和暴晒

产品包装

产品采用 25 kg、500kg、1000 kg三种包装

技术指标			
指标		标准	典型值
二氧化钛含量, %	≥	92.5	93.5
金红石含量, %	≥	99.0	100
亮度（Jasn），%	≥	95.1	95.4
干粉L值		--	98.3
干粉b值		--	1.85
消色力(雷诺指数)	≥	1920	1950
分散性(黑格曼数)	≥	6.50	6.75
吸油量, g/100g	≤	20	18
水悬浮液pH值		6.5~8.5	7.2
水萃取液电阻率, Ω·m	≥	80	165
105℃挥发物, %	≤	0.5	0.4
筛余物（45 μm筛孔），% ≤		0.02	0.01
SEM平均粒径（nm）		--	230
无机处理		ZrO ₂ , Al ₂ O ₃	--
有机处理		有	--

安全性能
1、镉、1、镉、铅、汞、六价铬、多溴联苯（PBBs）、多溴二苯醚（PBDEs）符合欧盟RoHS指令2011/65/EU附录 II 的修正指令（EU）2015/863的限值要求； 2、符合欧盟AP(89)1决议食品接触性材料着色剂纯度要求，也满足GB9685-2016《食品接触材料及制品用添加剂使用标准》中着色剂纯度要求。

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CR-350

CR-350 is a general grade of rutile TiO₂ pigment. It is produced by chloride process with own high quality TiCl₄. Advanced particle size control technology, inorganic coating by aluminum and zirconium compounds, compound organic treatment have been adopted in production. It has excellent hue, high gloss, good dispersibility, strong hiding power, good weather resistance and temperature resistance. It can be widely used in paint, plastic, ink etc.

Recommended Applications

- High-end decorative paint
- Ink
- Automotive repair paint
- Industrial paint
- Plastic

STORAGE

Avoid damp and sun exposure.

PACKING

In 25kg,500kg,1000kg bags

Technical Index		
Index Item	Standard	Typical Value
TiO ₂ Content , %	≥ 92.5	93.5
Content of rutile, %	≥ 99.0	100
Brightness, %	≥ 95.1	95.4
L (dry powder)	--	98.3
b (dry powder)	--	1.85
Reducing power (Reynolds number)	1920	1950
Dispersibility (Hegman)	≥ 6.50	6.75
Oil absorption, g/100g	≤ 20	18
Slurry pH	6.5~8.5	7.2
Electric resistivity, Ω·m	≥ 80	165
Volatile at 105℃, %	≤ 0.5	0.4
Sieve residue (45μm) , %	≤ 0.02	0.01
Average partial size(nm) SEM	--	230
Inorganic treatment	ZrO ₂ ,Al ₂ O ₃	--
Organic treatment	Yes	--

Safety performance
1. Cadmium, lead, mercury, hexavalent chromium, PBBs and PBDEs conform to the limiting value requirement of the RoHS Directive 2011/65/EU Appendix II Revision Directive (EU) 2015/863 2. It conforms to the purity requirement for food contacted materials of the EU AP (89) 1 Resolution, and meet the requirement of GB9685-2016 Hygiene Standard for Application of Additives to Food Containers and Packing Materials

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