



攀钢集团钛业有限责任公司

Pangang Group Titanium Industry Co., Ltd.

硫酸法金红石型钛白粉 (Rutile produced by sulphate process) :

R-298: 比肩国际品牌的优质钛白粉

R-298: Superior titanium dioxide on a par with international brands

产品概述

R-298是本公司开发的新一代高档通用型金红石钛白粉。采用了先进的色相与粒径控制技术和氧化锆、氧化铝无机包膜工艺,具有易分散、白度好、亮度高、遮盖强、高耐候等特性,是硫酸法钛白的顶尖之作,适用于涂料、油墨等领域,也可用于塑料着色。

R-298 is a high-grade rutile titanium dioxide which is exploited by chongqing titanium industry co.ltd of pangang group. it adopt advaned TINT and partical size controlled technique and ZrO₂, Al₂O₃ and inorganic surface treated process, it combines excellent properties such as high whiteness, high optical and hiding power, super durability and dispersibility properties. R-298 is suitable for coatings, ink and so on, also suitable for plastic coloring.

产品性能 Features

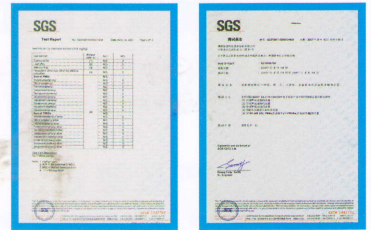
- ◎ 极佳的分散性
- ◎ 优异的白度和蓝色底相
- ◎ 高光泽度
- ◎ 高遮盖力
- ◎ 高耐候性
- ◎ 低磨损
- ◎ 良好的流平性
- ◎ High dispersibility
- ◎ Blue under con
- ◎ High glossioness
- ◎ Strong masking power
- ◎ High weather resistance
- ◎ Low wear
- ◎ Favorable levelling property

技术要求 (产品执行标准 Q/PYTY1-2011)

Technical Specification (standard: Q/PYTY1-2011)

指 标 名 称		技 术 要 求
二氧化钛含量 %	Tio ₂ content %	≥91.0
亮度 %	Brightness %	≥95.0
105℃挥发物 %	Volatile at 105℃	≤0.8
水悬浮液pH值	PH	6.0-9.0
吸油量 g/100g	Oil absorption	≤20
筛余物(45μm筛孔)%	Remains on sieve (45um)	≤0.02
消色力.雷诺兹数	Tint-reducing power, Reynolds number	≥1920
金红石含量 %	Rutile content	≥98
水萃取液电阻率 Ωm	specific resistance	≥80
白度 (与标样比)	whiteness	不低于
分散性 (黑格曼数)	dispersibility	≥6.50
国际标准ISO591-1; 2000 (E) 分级	ISO591-1:2000(E)	R2
美国材料与试验协会标准ASTM D476-00 分级	ASTM D476-00	V

产品简介 Product introduction



包装规格 Packaging specification

R-298的包装为25公斤纸塑混合袋或500、1000公斤塑料编织袋。

25, 500 or 1000 kg per bag in plastic woven bags

产品储存 Storage

只要避免受潮，可以长期储存。

Keep from dampening conditions and maxim.

安全防护 Safety instructions

在处理TiO₂时，应佩带手套和防护罩。如果发生皮肤接触，该化合物不会有危险，但建议使用之后清洗皮肤。

Always wear gloves and protective clothes when handling TiO₂.

Although it will cause noharm in case of skin contact, you are still recommended to wash your skin after handling.

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