



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

R-248: 国产最优质塑料专用钛白

R-248: Most excellent domestic titanium dioxide specialized for plastics

产品概述

用锌盐作稳定剂，锆、铝、硅、磷多元包膜。具有蓝相高、易分散、高耐候性、高遮盖力、低吸油量、良好体系相容性、优异加工流变性等特性，是高品质塑料专用钛白粉。

Stabilized with zinc salt and enveloped with multiple elements including zirconium, aluminum, silicon, and phosphorous. It is characteristic of high blue phase, good dispersibility, high weather resistance, high hiding power, low oil absorption, good system compatibility, excellent processing rheology and others, and is special titanium dioxide for high-quality plastic.

产品性能 Features

高光泽度	High glossiness	高耐候性	High weather resistance
优秀的分散性	High dispersibility	高遮盖力	Strong masking power
低吸油量	Low oil absorption	蓝色底相	Blue under con

主要应用范围 Application

塑料、色母粒、油墨等
plastic,
whiteness master batch,
printing ink, etc.

技术要求 (产品执行标准 Q/PYTY1-2011)

Technical Specification (standard: Q/PYTY1-2011)

项 目 Item	技术要求
TiO ₂ 含量, % ≥ TiO ₂ content % ≥	95.0
白度 (与标样比) Whiteness (compared with standard sample)	不低于 not less than
亮度, % ≥ Brightness % ≥	94.2
金红石含量, % ≥ Content of rutile % ≥	96
消色力, 雷诺兹数 ≥ Tint-reducing power, Reynolds number ≥	1850
水悬浮液pH值 PH value	6.0-9.0
吸油量, g/100g ≤ Oil absorption g/100g ≤	19
水萃取液电阻率, Ωm ≥ Specific resistance Om ≥	60
筛余物(45μm筛孔), % (m/m) ≤ Sieve residue (45μm), % (m/m) ≤	0.02
分散性, 黑格曼数 ≥ Dispersibility, Hetman ≥	5.75
105℃挥发物, % ≤ Volatile at 105 C, % ≤	0.8

产品简介 Product introduction



包装规格

Packaging specification

产品采用25公斤纸塑复合袋包装或500公斤、1000公斤塑料编织袋包装。

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

产品储存

Storage

只要避免受潮，可以长期室内储存。堆放不能超过20层。

Keep from dampng conditions and maximum 20 layers if stacking

安全防护

Safety instructions

- 在处理TiO₂时，应佩带手套和防护罩
Always wear gloves and protective clothes when handling TiO₂.
- 如果发生皮肤接触，该化合物不会有危险，但建议使用后清洗皮肤。
Although it will cause no harm in case of skin contact, you are still recommended to wash your skin after handling.

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