

Technical Data Sheet

金红石型钛白粉：NTR-838

Rutile Titanium Dioxide NTR-838

推荐适用范围

Application scope recommended

水性漆、乳胶漆、粉末涂料、印刷油墨、造纸等领域。

Water-based paint, latex paint, power coating, printing ink, papermaking, etc.

产品基本特性

Basic Features

标准分类 (ISO591-1) Standard Classification(ISO591-1)	R2
表面处理 Surface preparation	氧化铝、氧化硅和特殊的有机物包覆处理 Alumina, Silica and special organic substance coating
TiO ₂ 含量 TiO ₂ content	≥92%
金红石型含量 (转换率) Rutile Content(conversion rate)	≥ 97.5%
密度 Density	4.1-4.3g/cm ³
堆积密度 Bulk density	0.8-1.0g/cm ³

产品性能特点

Products performance and Characteristics

本产品为采用硫酸法工艺进行组织生产的通用型金红石型钛白粉产品。该产品采取氧化硅、氧化铝无机表面致密包膜并经过特殊的有机表面处理，具有独特的蓝色色相，可为产品提供清新而亮丽的白色，干粉及视觉白度均极佳。具有极高的耐候性和抗粉化性能，有效提高下游产品的使用寿命。极好的分散性，并兼具优异的遮盖力。

NTR-838 is a general-purpose grade Rutile Titanium Dioxide product which is manufactured by the sulfate process. The surface of titanium dioxide is coated with inorganic silica and alumina hydrated oxide film, with a unique blue hue, can provide fresh and bright white products. Product characteristics dry powder and visual whiteness are excellent. Adopt The product with very high weather resistance and powder resistance, effectively improve the service life of downstream products. Showing excellent dispersion, and have excellent hiding power.

项目 Item	Specification
TiO ₂ 含量 TiO ₂ content % ≥	92
金红石含量 (转换率) Rutile Content(conversion rate) % ≥	97.5
105°C挥发物 Volatile matter at 105°C % ≤	0.8
325 目筛余物 Residue on sieve 325 mesh % ≤	0.05
水悬浮物 PH 值 Water suspension H value	6.5-8.5
吸油量 Oil absorption g/100g ≤	21
电阻率 Resistivity Ωcm ≥	5000
亮度 (白浆 L 值) Brightness (white wash L value) ≥	95.0
分散性 (黑格曼系数) Dispersibility (Hickmann number) ≥	5.0
消色力 (TCS/雷诺系数) Lightening Power (TCS/Reynolds number) ≥	1850

产品包装规格

Package

纸塑复合阀口袋：25KG包；塑编袋：500KGS/包或1000KGS/包

Paper and plastic valve bag: 25kgs/bag; Plastic woven bag: 500KGS/bag or 1000KGS/bag

其他说明

Remark

产品的详细技术资料，敬请向供方联系索取；产品的质量指标以供方提供的检测报告为准。

For detail specifications, please contact your suppliers. Products quality performance is subject to supplier's test report.