

Technical Data Sheet

金红石型钛白粉：NTR-858

Rutile Titanium Dioxide NTR-858

推荐适用范围

Application scope recommended

建筑涂料；工业漆；防腐漆；油墨；造纸等领域

Building Coating; industrial paint; anticorrosive paint; printing ink; plastics; 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)	≥ 98.0%
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，其产品的性能特点具备良好的耐候性和遮盖力及抗粉化、耐黄变等多功能的应用性能，产品在油性和水性体系产品中通用。

NTR-858 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. It is specifically formulated to provide to prove outstanding weatherability, high power, chalk resistance and resistance to yellowing and other multi-functional application performance. The product can be used both in oil-base and water-base system.

项目 Item	Specification
TiO ₂ 含量 TiO ₂ content% ≥	92
金红石含量 (转换率) Rutile Content(conversion rate)%≥	98
105℃挥发物 Volatilematterat105℃%≤	0.5
325 目筛余物 Residue on sieve325mesh % ≤	0.01
水悬浮物 PH 值 Water suspension H value	6.5-8.0
吸油量 Oil absorption g/100g ≤	22
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.