

HTR-818

Product Description

HTR-818 is a rutile-type titanium white powder produced by the sulfuric acid process. It is made from high-quality TiCl_4 as the raw material, and through a good oxidation process and combined with inorganic coating and organic treatment, it features easy dispersion, good whiteness, high brightness, high weather resistance, dual hydrophilic/oily properties, low wear resistance, and excellent leveling properties.

Data Table

Analysis and Physical Properties of HTR-818

Index	HTR-818
TiO ₂ Content(%)	≥ 95
Rutile Content (%)	≥ 99.0
Lightness	≥ 98
Chromatic Power(g/100g)	≥ 1900
Oil Absorption (g/100g)	≤ 20
105°C Volatile(50%)	≤ 0.18
Dispersity(Hegman Grind Gauge)(mesh)	≥ 6.5
45μm Residue (%)	≤ 0.02
PH of water suspension	6.5-8.5
Resistivity of Water Suspension $\Omega \cdot \text{m}$	≥ 100.0
Weatherability	High
Surface treatment	SI AL coating

Recommended application

TiO₂ HTR-818 is widely used in oil-based coatings, inks, and it has the characteristics of high dispersion and high coverage.

- 1. Screen printing ink
- 2. Digital printing ink
- 3. Water base/Solvent/UV ink
- 4. Paper products
- 5. Uv coatings
- 6. Industrial coatings
- 7. Marine coatings
- 8. Automotive coatings

Package and storage

TiO₂ HTR-818 is packaged by Paper ,and net weight 25KG. It can be used for a long time, so long as it is avoided directly to contact with moist environment.

For further information about this product or to request a sample, please see the HONGTAI website.The product is in accordance with the test report of the product.



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TIANIUM DIOXIDE