

HTR-618

Product Description

HTR-618 is a rutile titanium dioxide pigment prepared by the sulfuric acid process. It has undergone specialized design and surface treatment with zirconium and aluminum coating, featuring high brightness, high covering power, a blue undertone, ultra-fine particle size and high dispersibility. It exhibits excellent dispersibility and low hygroscopicity in plastic processing, and can provide good melt flowability in color masterbatches with high pigment content. It is a professional titanium dioxide pigment for plastics.

Data Table

Analysis and Physical Properties of HTR-618

Index	HTR-618
Tio2 Content(%)	≥ 93.0
Rutile Content (%)	≥ 97.0
Lightness	≥ 96.0
Chromatic Power(g/100g)	≥ 1850
Oil Absorption (g/100g)	≤ 20
105°C Volatile(50%)	≤ 0.2
45μm Residue (%)	≤ 0.05
PH of water suspension	6.5-8.5
Surface treatment	ZR AL coating

Recommended application

Tio2 HTR-618 is a type of plastic-grade titanium dioxide powder. Can be used for the following applications.

- 1. Color masterbatch.
- 2. Engineering plastics.(PIPE)
- 3. Styrene-based plastics (PS).
- 4. Hard and soft polyvinyl chloride (PVC).
- 5. Acrylonitrile butadiene styrene copolymer (ABS).
- 6. Polyethylene (PE).

Package and storage

Tio2 HTR-618 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.



HONGTAI
TIANIUM DIOXIDE