



TITANIUM DIOXIDE R-248

Characteristics

R-248 is a sulfuric acid process rutile titanium dioxide, which adopts advanced TINT and particle size controlled technique and it is stabilized with zinc salt and enveloped with Multiple elements including zirconium, aluminium, silicon and phosphorous. It combines excellent properties such as high whiteness, high optical and hiding power, super durability and dispersibility properties.

R248 Applications:

coating, plastic, rubber, ink, master-batch.

Package:

Multi-layer 25KG/Bag (inner plastic bags), or large 1000kg bags.

Notes:

Please feel free to contact us to obtain the detailed manual, the specifications are subject to the test report.

| Titanium Dioxide Rutile Grade Technical Specifications | |
|---|---------------|
| 1)The content of titanium dioxide,% | 95 Min |
| 2)Brightness, % | 94.2 Min |
| 3)Volatile at 105°C (m/m): | 0.8 Max |
| 4)PH value of aqueous suspension | 6.0-9.0 |
| 5)Oil absorption, g/100g | 19 Max |
| 6)Residue on sieve (45µm),% | 0.02 Max |
| 7)Resistivity, Ω.m | 60 Min |
| 8)Oil dispersion (Hegman) | 5.5 Min |
| 9)Tinting Strength (Reynolds number) | 1850 Min |
| 10)The content of rutile,% | 96 Min |
| 11)Whiteness(compared with standard sample) | not less than |