

THR-216

Product introduction

THR-216 is a silicon/alumina modified rutile TiO₂ pigment produced by sulfate process. Precisely process control and formula design offer it high gloss, easily disperse and high tinting strength/hiding power. It is recommended strongly used to architecture coating (emulsion), powder coatings, paper, etc.



Description

| | Titanium Dioxide Rutile Type |
|-----------------------|--|
| Classification | ISO591:2000: R2 ASTMD-478-84: II(IV) |
| Color NO. | 77891, white pigment 6 |
| CAS NO. | 13463-67-7 |
| BINECS NO. | 236-675-5 |
| Density | 4.1g/cm ³ |
| Appearance | White powder |
| Packing | 25kg/500kg/1000kg net weight |
| Performance | High gloss, easily disperse and high tinting strength/hiding power |
| Process | Sulfate process |
| Application | architecture coating (emulsion) powder coatings, paper |

Technical Data Sheet

| Item | Unit | Typical data |
|---------------------------|----------|--|
| TiO ₂ | % | 92 |
| Inorganic treatment | | SiO ₂ +Al ₂ O ₃ |
| Organic treatment | | Yes |
| Color | CIE L* | ≥94.8 |
| | b | ≤2.9 |
| Tint Strength | Reynolds | ≥1950 |
| Organic (Carbon) | % | ≥0.3 |
| Oil Absorption | g/100g | ≤20 |
| Average particle Size(μm) | μm | 0.34 |
| Moisture (105 C) | % | ≤0.5 |
| Durability | | Good |