Hybrid Titanium Dioxide Universal Grade TPW716 Product Data Sheet

Description: TPW-716 is a high performance hybrid pigment based on Rutile

Type TiO2 specifically developed for the paint industry. We have developed this special grade of TiO2 by combining ultra fine functional fillers. This approach enhances the scattering cross section of TiO2 particles increasing their efficiencies and reduces the consumption of TiO2 without compromising the pigment's performance. Excellent optical performance in terms of brightness, bluish undertone and gloss guaranteeing a strong hiding power, weather resistance and durability and hardness of the coating film.

Applications:

- Decorative architectural coatings interior and exterior
- Water and solvent-based industrial coatings

TiO2 Content: ≥ 74 Rutile Content: ≥ 99 Brightness L ≥ 96.0

Typical properties:

Tinting strength Reynold: ≥ 1800 Oil absorption: ≤ 20 Ph Value 6.5-8.5 Dispersibility Hegman ≥ 6.5

Packing: 25 Kg paper-plastic composite bag

Post treatment:

Big bags of 500 Kg and 1000 Kg (optional).

Advantages:

Optimal Distribution: TiO2 particles are evenly distributed in the matrix Optical Properties: Opacity, brightness and gloss are largely maintained Coating Surface Quality: Abrasion resistance / Weathering Resistance Cost Savings: Increased efficiency through reduced TiO2-pigment content Sustainability: Carbon footprint reduction.

Al, Zr, P, Organic



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