



TITANIUM DIOXIDE R-2617

Product Description:

R-2617 is a zirconium, aluminum surface treated rutile titanium dioxide pigment with High Gloss, High Dispersibility and High Opacity, designed to give average particle size distribution and is well suited for solvent-based paint, gloss and matt exterior and interior architectural latex paint, industrial paint and solvent base printing ink.

Typical Properties

Crystal Form	Rutile
Inorganic Surface Treatment	ZrO ₂ , Al ₂ O ₃
Organic Surface Treatment	Yes
ISO 591-1 and DIN 55912 Classification	R2
ASTM D476 Classification	III
Relative Scattering Power (ISO 787-24)	95% - 105%
Color (ISO 787-25)	$\Delta E < 0.5$
Density (ISO 787-10)	4.0g/cm ³
Dispersion in Polyester System (GB/T 21868.3-	<25 m

Key Features

- High gloss
- Easy wetting and dispersing
- Excellent hiding power
- Excellent whiteness
- Weather resistance
- Super durability

Typical Data

TiO ₂ Content (ISO 591-1)	94%
CIE L*, dry powder (GB/T 5950-2008)	98.5
pH Value (ISO 787-9)	7- 8.0
Oil Absorption (ISO 787-5)	19g/100g
Residue on 45 m (ISO 787-18)	0.01%
Resistivity (ISO 787-14)	150 •m
Volatiles at 105 ((ISO 787-2) at packaging	0.4%
Brightness %	97.5
Tinting strength	≥115
Oil dispersion (Hegman)	≥6.0

Subject to measurements in CoA

Application

Versatile pigment in solvent and waterborne systems for architectural, industrial and automotive application, e.g universal coating , solvent ink, leather, paints, rubber, plastics, tin painting.

Packing

25 kgs paper bag

Health and Safety Precautions

Relevant local health and safety guidelines should be followed. Gloves, safety goggles and respirator with submicron particle filtration should be worn. MSDS is available upon request.

Product Storage

Store the product indoors in clean and dry conditions. The shelf life is 2 years if stored properly. First-in, first-out regime is highly recommended to ensure the performance of the product.

Disclaimer

The above information is offered free solely to provide possible suggestions. Given variations in actual end-use conditions, no warranties and assumes no liability in connection with any use of this information.

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