



# 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 <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub>
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 <sup>3</sup>
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 <sub>2</sub> 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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