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Products

CNNC Rutile Titanium Dioxide	Anatase Titanium Dioxide	JOTiO Titanium Dioxide	Food Grade Titanium Dioxide
Cosmetic Grade Titanium Dioxide	Iron oxide pigments For general use Heat stable products Micronized grades Low heavy metal products	Other	





TIOXHUA RUTILE TiO2

R-215

 share

Titanium dioxide powder R-215 is designed for formulators searching for a single grade of TiO2 with performance covering wide range of water-based paint, solvent-based paint, powder coating, printing ink and papermaking.



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 Message



[Previous](#) TIOXHUA RUTILE TiO2 R-213

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Product details

High Opacity and Versatility

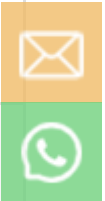
R-215 is designed for formulators searching for a single grade of TiO2 with performance covering wide range of water-based paint, solvent-based paint, powder coating, printing ink and papermaking.

Typical Properties

Processing Method	Sulfate
Crystal Form	Rutile
Inorganic Surface Treatment	Silicon And Aluminum Compound
Organic Surface Treatment	Yes



Classification (ISO 591-1)	R2
Color (ISO 787-25)	$\Delta E \leq 0.5$
Relative Scattering Power (ISO 787-24)	95% - 105%
Density (ISO 787-10)	4.0g/Cm3
Dispersion In Polyester System (GB/T 21868.3-2008)	$\leq 35\mu\text{m}$



Key Features

- Neutral undertone
- Easy wetting and dispersing
- High tinting strength and opacity
- Moderate gloss

Typical Data*

TiO2% (ISO 591-1)	92%
CIE L* (GB/T 1864-2012)	95
Reducing Power (TCS)	2000
PH Value (ISO 787-9)	7.2
Oil Absorption (ISO 787-5)	20g/100g
Residue On 45 μm (ISO 787-18)	0.01%

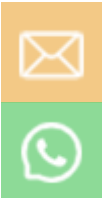


Resistivity Of Water Extraction (ISO 787-14)	100Ω·m
Volatiles At 105°C (ISO 787-2) At Packaging	0.4%

*Not to be taken for specifications. Subject to measurements in CoA

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.



Packaging

R-215 is available in 25kg bags, 500kg and 1000kg containers.

Product Storage

Store the product indoors in clean and dry conditions. The shelf life of CHTi's TiO₂ is 2 years if stored properly. First-in, first-out regime is highly recommended to ensure the performance of the product.

Disclaimer

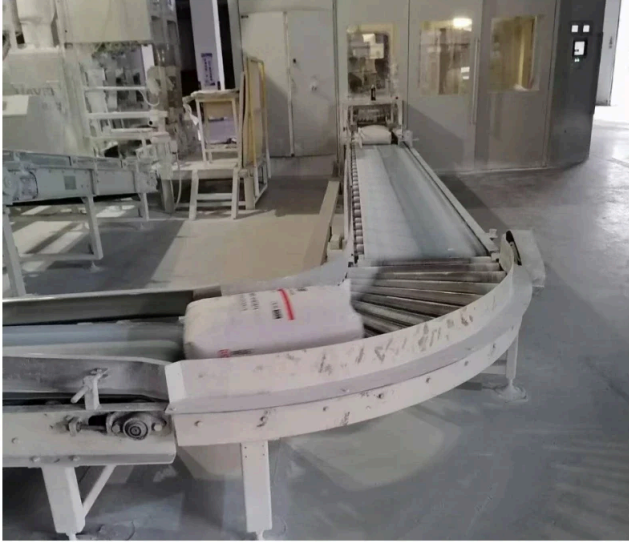
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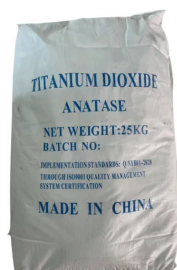




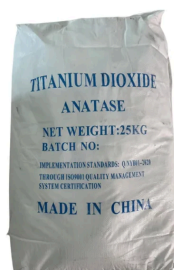
Inquiry form



Related products



Anatase TiO₂ CTA-01



Anatase TiO₂ BA01-01



TIOXHUA RUTILE TiO₂ XR-290



TIOXHUA RUTILE TiO₂ R-2196



 WUXI JOTIO CHEMICAL MATERIALS CO., LTD.

WUXI JOTIO CHEMICAL MATERIALS CO., LTD. founded in 2015. This is a professional company mainly in Titanium Dioxide.



Products

- CNNC Rutile Titanium Dioxide
- Anatase Titanium Dioxide
- JOTiO Titanium Dioxide
- Other

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