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Products



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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

XR-290

 share

Titanium Dioxide Coating XR-290—for ink and paint (OR for ink and paint that requires high gloss, and high color performance.)

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 Message



[Previous](#) TIOXHUA RUTILE TiO2 R-2219

[Next](#) Anatase TDS CTA-100

Product details

High Gloss, High Whiteness and Easy Dispersion

XR-290 is suitable for ink and paint that requires high gloss, and high color performance.

Typical Properties

Processing Method	Sulfate
Crystal Form	Rutile
Inorganic Surface Treatment	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/Cm ³
Dispersion In Polyester System (GB/T 21868.3-2008)	$\leq 27.5\mu\text{m}$



Key Features

High gloss

High whiteness with blue undertone

Easy wetting and dispersing

Typical Data

TiO ₂ % (ISO 591-1)	94%
CIE L* (GB/T 1864-2012)	95.3
Tinting Strength (TCS)	2080
PH Value (ISO 787-9)	8
Oil Absorption (ISO 787-5)	16g/100g
Residue On 45 μm Sieve (ISO 787-18)	0.01%
Resistivity (ISO 787-14)	$> 100 \Omega \cdot \text{m}$
Volatiles At 105°C (ISO 787-2) At Packaging	0.3%



* 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

XR-290 is available in 25kg bags, 500kg and 1000kg containers.

Product Storage

Product should be stored 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

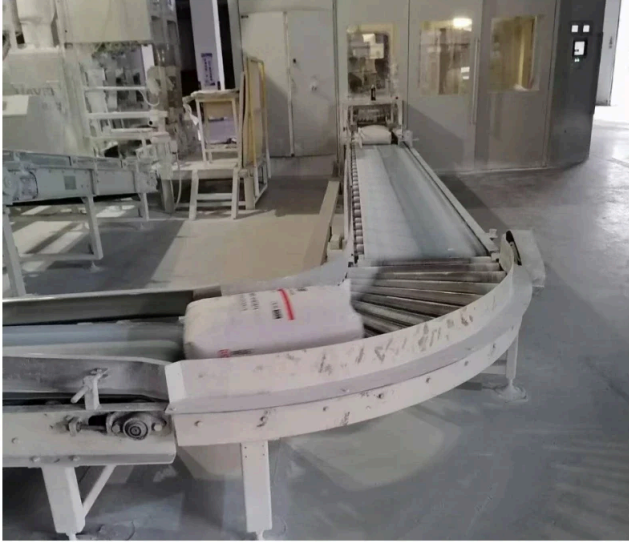
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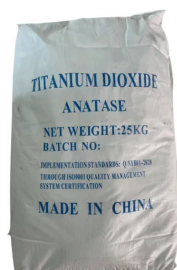




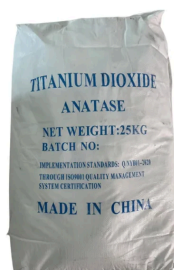
Inquiry form



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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