

TIOXHUA® R-2219 Technical Data Sheet

High thermal stability and high whiteness

R-2219 is a TiO₂ pigment designed for applications for powder coating with demanding color performance.

Key Features

High whiteness and blue understone

Excellent dry flow property

High opacity

Typical Properties

Processing method	Sulfate
Crystal form	Rutile
Inorganic Surface treatment	ZrO ₂ , Al ₂ O ₃ ,
Organic Surface treatment	Yes
Classification (ISO 591-1)	R2
Color (ISO 787-25)	ΔE ≤ 0.5 relative to reference standard
Relative scattering power (ISO 787-24)	95% - 105%
Density (ISO 787-10)	4.0g/cm ³

Typical Data

Items	Value
TiO ₂ content, %	94%
Brightness (L*)	95.7
Tinting strength (TCS)	1980
PH of aqueous suspension	7.2
Oil absorption	19g/100g
Resistivity	100Ω*m
Volatiles at 105℃ at packaging	0.3%

* Not to be taken for specifications. Actual data subject to measurement 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-2219 is available in 20kg paper bags, 500kg and 1000kg jumbo bags.

Product Storage

Product should be stored indoors in clean and dry conditions. The shelf life of CHTi'e TiO₂ is 2

Chemate Technology Co.,Ltd

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years if stored properly. First-in, first-out regime is highly recommended to ensure the performance of the product.

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