

TINOX R-2160 Rutile Titanium Dioxide

TINOX R-2160 is a rutile universal pigment produced via sulphate process for waterborne and solvent borne paint systems. Produced with advanced technologies, particularly in terms of particle size control, this type of pigment shows **strong optical properties**. TINOX R-2160 convinces in the pigmented system by **strong hiding power, strong tinting strength, excellent gloss properties and excellent dispersibility**.

● Applications

- Paints & Coatings interior and exterior
- Printing inks
- Low-concentration Masterbatches

● Properties in Pigmented Systems

- Strong hiding power
- Strong tinting strength
- Excellent gloss and whiteness
- Excellent dispersibility in waterborne and solvent borne systems
- Blue undertone

● Product Specification

TiO ₂ content %	≥93
Rutile content %	≥97.5
Powder brightness L*	≥96.5
Oil absorption [g/100g]	≤19
Rel. humidity (105C°)	≤ 0.5
Sieve residual [%] (45µm)	≤0.01
Surface treatment	Al, Zr, organic
Tinting strength in pigmented system (Reynolds)	≥1880
pH-value	6 - 9
Specific resistance Ohm*m	≥ 80
Dispersibility Hegman scale	≥6.50
ASTM D-476	II,III,IV,V
GB/T1706	R2

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