

TINOX CR-1120 Rutile Titanium Dioxide

CR-1120 is a rutile universal TiO₂ pigment from the chloride process which can be used in paints and coatings as well as in plastics. Produced with advanced technologies, particularly in terms of particle size control, this type of pigment shows **excellent optical properties**. TINOX CR-1120 convinces in the pigmented system by **strong hiding power and tinting strength, excellent gloss properties, good dispersibility and a bluish undertone**.

● Applications

- Interior/ Exterior decorative coatings
- Powder coatings, Industrial coatings
- Automotive coatings
- PVC
- Masterbatches
- Inks

● Properties

- Strong hiding power and tinting strength
- Excellent gloss and whiteness
- Bluish undertone
- Good dispersibility
- Strong durability

● Product specification

TiO ₂ content %	≥93.0
Rutile content %	≥99.5
Powder brightness L*	≥97.0
b*	≤2.0
Oil absorption [g/100g]	≤20.0
Rel. humidity (105C°)	≤ 0.5
Surface treatment	Al, Zr, Organic
Tinting strength in pigmented system (Reynolds)	≥1900
pH-value	6.0-9.0
Specific resistance Ohm*m	≥ 100
Dispersibility Hegman scale	≥6.00
ASTM D-476	II,III,IV,V
GB/T1706	R2

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