

TINOX CR-1220 Rutile Titanium Dioxide

TINOX® CR-1220 is a chloride process rutile Titanium dioxide pigment for use in plastics. It has an inorganic as well as an organic posttreatment. TINOX® CR-1220 has an optimum particle size distribution for light scattering. Excellent tinting strength and scattering power, strong opacity properties and strong dispersing properties with good processability characterize this pigment. TINOX® CR-1220 is widely used in masterbatch and other plastic applications

● Applications

- High concentrated Masterbatch
- Consumer electronic plastics
- Polypropylen PP
- Polystyrene PS
- ABS
- PVC

● Properties

- Excellent blue undertone
- Strong dispersibility
- Good heat resistance
- Strong hiding power and opacity
- Strong tinting strength
- Good processability

● Product specification

TiO₂ Content %	≥ 96.0
Rutile Content %	≥ 99.5
Brightness CIE L*	≥ 97.0
Tone CIE b*	≤ 2.0
Tinting Strength [Reynolds]	≥ 2000
Blue Undertone [SCX]	≥ 4.0
Rel. Humidity 105°C	≤ 0.3
Oil Absorption [g/100g]	≤ 16
PH	6.5~8.5
Sieve Residual [45µm]	≤ 0.01
Posttreatment	Al, Organic
Bulk density [kg/m³]	710
Weatherability ¹⁾	B
CAS No.	13463-67-7
ASTM D476	II IV V
ISO 591-1:2000	R2

1) Internal weathering classification. A: strong, B: good, C: moderate

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