

TINOX R-2180 Rutile Titanium Dioxide

TINOX® R-2180 is a rutile universal pigment via the sulphate process for waterborne and solventborne paint and coating systems. It is produced with advanced technologies, post treated with alumina, silica and special organics. TINOX® R-2180 convinces in the pigmented system by **excellent hiding power**, **strong tinting strength** and **excellent weatherability**.

● Applications

- Paints & coatings exterior and interior
- Powder coatings
- Printing inks
- Plastics, rubbers

● Properties in pigmented system

- Excellent hiding power and strong tinting strength
- Excellent weatherability
- Strong whiteness and brightness
- Neutral undertone

● Product specification

TiO2 Content %	≥93.0
Rutile Content %	≥97.5
Powder brightness L*	≥96.0
Rel. humidity [105°C]	≤0.8
Surface Treatment	Al,Si, Organic
Tinting strength in pigmented system [Reynolds]	≥1900
pH-value	6.5 - 8.5
Oil Absorption [g/100g]	≤ 22
Sieve residual [45µm]	≤0.05
Specific resistance Ohm*m	≥50
Dispersibility [Hegman scale]	≥6.5
ASTM D-476	II,III,IV,V
GB/T1706	R2

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