

TINOX R-2140 Rutile Titanium Dioxide

R-2140 is a versatile rutile TiO₂ pigment via sulphate process which is used in paints and coatings. It provides **good optical properties** in the pigmented system. The pigment type TINOX R-2140 is suitable for indoor and outdoor applications and is characterized by a long service life of the pigment properties. This TiO₂ pigment type provides **good gloss properties** and **strong hiding power** with **strong tinting strength** and **good dispersibility**. The main application of the pigment type TINOX R-2140 is the coating, paint and printing ink industry.

● Applications

- Solvent based and water based coatings
- Powder coatings
- Industrial coil coatings
- Emulsion paints, road marking paints

● Properties in pigmented system

- Strong hiding power and tinting strength
- Good dispersibility in waterborne and solvent borne system
- High gloss retention

● Product specification

TiO ₂ content %	≥94.0
Rutile content %	≥98.0
Powder brightness L*	≥95.0
Oil absorption [g/100g]	≤20
Rel. humidity (105C°)	≤ 0.5
Sieve residual [%] (45µm)	≤0.01
Surface treatment	Al, Zr, organic
Tinting strength in pigmented system (Reynolds)	≥1900
pH-value	6.5-8.5
Specific resistance Ohm*m	≥ 50
Dispersibility Hegman scale	≥6.0
ASTM D-476	II,III,IV,V
GB/T1706	R2

The information is believed to be accurate. However, we make no representation or warranty, express, or implied, concerning to the accuracy or sufficiency of this information. We are not liable for any damages resulting from the use of this information.