

Tioxin DR-2100

TITANIUM DIOXIDE RUTILE



PRODUCT OVERVIEW

DR-2100 is a versatile rutile TiO₂ pigment via sulphate process used in paints and coatings. It provides good optical properties in the pigmented system, suitable for indoor and outdoor applications and is characterised by a long service life of the pigment.

This TiO₂ pigment type provides good gloss properties, strong hiding power, strong tinting strength and good dispersibility. The main application of the pigment type **DR-2100** is the coating, paint and printing ink industry.

PRODUCT APPLICATION

- Solvent and water based coatings
- Powder coatings
- Industrial coil coatings
- Wood coatings
- Emulsion paints
- Road marking paints
- Strong hiding power and tinting strength
- Good dispersibility in waterborne and solvent borne system
- High gloss retention



PACKAGING: 25 Kgs. Multi-layer Paper Bags

PROPERTIES

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	≥6.50
ASTM D-476	II,III,IV,V
Protocol	(IS:411-2020 RA 2025)

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