

Tioxin DR-945

TITANIUM DIOXIDE RUTILE



PRODUCT OVERVIEW

DR-945 is a TiO₂ rutile pigment from chloride process with usage ranging from paints, coatings to plastics. Produced with advanced technologies, particularly for particle size control, this pigment type shows excellent optical properties.

DR-945 has an inorganic surface treatment in combination with special organic post treatment that qualifies wide usage in high gloss paints, PVC, ABS Resins, polyolefin etc.

PRODUCT APPLICATION & STORAGE

DR-945 grade is applicable in **PVC, Master batches, Inks, Automotive Coatings, Powder Coatings, Industrial Coatings and Exterior Industrial finishes.**

TYPICAL PROPERTIES INCLUDE:

- Excellent Dispersibility
- Excellent Durability
- Strong Heat Stability, processability
- Bluish undertone
- Excellent gloss and whiteness
- Strong hiding power and tinting strength



PACKAGING: 25 Kgs. Multi-layer Paper Bags

ITEM PROPERTIES	VALUE
Titanium Dioxide Content %	93.0 min
Rutile content %	99.5 min
Oil Absorption [g/100g]	20 max
Powder Brightness	97.0 min
Rel. Humidity (105°C)	0.5 max
Mean Particle size D50,m (µm)	0.27
Surface Treatment	Al, Zr, Organic
Tinting Strength in pigmented system (Reynolds)	1900 min
pH - Value	6.0-9.0
Specific Resistance Ohm*m	≥100 min
Dispersibility (Hegman scale)	≥6.5 min
	II, III, IV, V

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