Titanium Dioxide (Rutile)

Chloride Process, Surface Treated

CAS No.: 13463-67-7
Chemical Formula: TiO_2

PRODUCT DESCRIPTION

Titanium Dioxide (Rutile) is a surface-treated, chloride-process titanium dioxide pigment designed for coatings, inks and plastics applications. It features a controlled particle size distribution, high gloss and durability, with a bluish undertone suitable for formulations requiring consistent colour performance and opacity.

KEY FEATURES

- Bluish undertone
- High gloss performance
- High durability
- Controlled particle size distribution
- Suitable for multiple coating and polymer systems

APPLICATIONS

- Interior and exterior architectural coatings
- Automotive OEM and refinishing paints
- Coil coatings and anticorrosion paints
- Decorative and powder coatings
- Letterpress, offset and gravure printing inks
- Engineering plastics, masterbatches and profiles

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LIMITED WARRANTY INFORMATION.
PLEASE READ CAREFULLY.

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This document is subject to revision without notice as new data becomes available.

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PRODUCT SPECIFICATIONS

PARAMETER	TYPICAL VALUE
TiO_2 Content (%)	95
Rutile Content (%)	99.9
L*	98.4
b*	1.75
Specific Gravity (g/cm³)	4.1
pH	7.5
Carbon Black Undertone (CBU)	14.0
Oil Absorption (g/100 g)	17
Mean Particle Size (µm)	0.27

PACKAGING
Supplied in standard industrial packaging, with options available to suit customer requirements.

STORAGE & HANDLING
Store in original, sealed packaging in a cool, dry and well-ventilated area. Protect from moisture and contamination. Keep containers securely closed when not in use.

SAFETY
Avoid inhalation of dust and contact with skin and eyes. Use appropriate personal protective equipment when handling the product.

Refer to the current Safety Data Sheet (SDS) for detailed information on safe handling, storage and disposal.