

TIOXIDE® R-TC90

Recommended applications

- Interior architectural coatings
- Interior industrial coatings
- Wood coatings
- Powder coatings
- Metal coatings

Properties at a glance

- High brightness and blue tone
- Neutral undertone
- High gloss
- High opacity

TIOXIDE® R-TC90 pigment is a rutile titanium dioxide grade manufactured by the chloride process, specially developed for the decorative coatings market. Designed to provide a high level of gloss, opacity and brightness. TIOXIDE® R-TC90 is highly suitable for interior solvent-based and water-based gloss and semi-gloss paints.

Typical properties

TiO ₂ content (%)	94
Inorganic coating	Alumina
Organic treatment	Present
Loss at 105°C ¹ (%)	0.6
Bulk density (tamped) ² (g/cm ³)	1.1
Oil absorption ³ (cm ³ /g pigment)	17/100
Water demand ⁴ (cm ³ /g pigment)	24/100
Specific gravity (g/cm ³)	4.1
ISO 591 Classification	R2
C.A.S No.	13463-67-7
Colour Index	Pigment White 6

¹ Measured within 48 hours of production.

² Based on ISO 787/11.

³ Palette knife method, ISO 787/5.

⁴ In the presence of 0.4% sodium salt of complex polyphosphate calculated on the mass of pigment.

This data sheet includes the typical properties of this pigment. It is not a specification, although specifications are available.

Safety

Good industrial hygiene practice should be used, generation of dust should be avoided. Please refer to the safety data sheet for more information about how this product should be handled.

Storage

This product should not be stored outside or exposed to temperature extremes or to moisture. To ensure optimum performance, it is recommended that the product is used on a first in, first out basis from receipt of shipment.

Food contact

Customers should seek confirmation of compliance with specific regulations by contacting Tioxide.

Packaging

Our titanium dioxide pigments are available in 25kg bags and a range of flexible intermediate bulk containers.

Contact details

Email: info@tioxide.com

The data included in the typical properties is not a specification. The information in this data sheet is a general guide to the properties of the product described in it. Nothing in this data sheet is to be construed as a warranty, express or otherwise. In all cases, it is the responsibility of the user to determine the applicability of the information and recommendations and the suitability of the products described for its own particular purpose.

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