



Ti-Pure™

R-960 Titanium Dioxide

Product Information

Product Description

Ti-Pure™ R-960 is a rutile titanium dioxide pigment manufactured by the chloride process for use in applications requiring outstanding chalk resistance, gloss retention, and tint retention. In addition to excellent exterior durability, Ti-Pure™ R-960 provides very good dispersion with excellent hiding power and color acceptance.

Table 1.

Analysis and Physical Properties of Ti-Pure™ R-960

Property	R-960
TiO ₂ , wt%, min.	90
Alumina, wt%	3.3
Amorphous Silica, wt%	5.5
Specific Gravity	3.9
Bulking Value, L/kg (gal/lb)	0.255 (0.031)
Organic Treatment	No
Color CIE L*	99.9
Median Particle Size, μm	0.50
Oil Absorption	18.7
pH	7.2
Resistance at 30 °C (86 °F) (1,000 ohm)	6
Carbon Black Undertone	11.6

Note: All values are typical unless otherwise specified.

Suggestions for Use

Because of its outstanding exterior durability, Ti-Pure™ R-960 is the pigment of choice for many critical coatings applications including:

- automotive OEM topcoat and refinish
- high durability exterior coil coatings
- aerospace coatings
- powder coatings
- other industrial OEM and specialty coatings requiring superior chalk resistance and tint retention

For safety information, please visit the product Safety Data Sheet (SDS).

Shipping Containers

Ti-Pure™ R-960 is available in 25-kg paper bags and semibulk containers (approximately 1/2 and 1 metric ton). Truckload shipments of the dry product are available directly from Chemours. Less-than-truckload volumes are available through one of the authorized Chemours distributors. .

Product Storage

The shelf life of Ti-Pure™ TiO₂ is indefinite as long as the material is kept from direct contact with moisture.

For further information about this grade or to request a sample, please see the Ti-Pure web site.

www.titanium.chemours.com

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