



Ti-Pure™

R-902+ Titanium Dioxide

Product Information

Product Description

Ti-Pure™ R-902+ is a multipurpose rutile titanium dioxide pigment manufactured by the chloride process for both interior and exterior coatings applications. It is a fine dry powder with the following general properties.

Table 1.

Analysis and Physical Properties of Ti-Pure™ R-902+

Property	R-902+
TiO ₂ , wt%, min.	93
Alumina	Yes
Amorphous Silica	Yes
Specific Gravity	4.0
Bulking Value, L/kg (gal/lb)	0.25 (0.03)
Organic Treatment	Yes
Color CIE L*	99.6
Median Particle Size, µm	0.405
Oil Absorption	16.2
pH	7.9
Resistance at 30 °C (86 °F) (1,000 ohm)	8.1
Carbon Black Undertone	11.7

Note: All values are typical unless otherwise specified.
*as measured by Horiba LA-300

Suggestions for Use

Ti-Pure™ R-902+ has an excellent balance of chalk resistance, hiding, and gloss with outstanding dispersion performance for a broad range of both exterior and interior applications. Ti-Pure™ R-902+ is recommended for use in:

- architectural interior semigloss and exterior finishes
- exterior industrial finishes, except those that require the highest level of exterior durability
- powder coatings

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

Shipping Containers

Ti-Pure™ R-902+ is available in 25-kg paper bags and 1 metric ton flexible intermediate bulk containers. Truckload shipments of the dry product are available directly from Chemours. Less-than-truckload volumes are available through one of the authorized Ti-Pure distributors.

A slurry offering is available in some regions in truckload shipments (15 metric ton) and railcar (67 metric ton).

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. tipure.com

CAUTION: Do not use or resell Chemours™ materials in medical applications involving implantation in the human body or contact with internal body fluids or tissues unless agreed to by Seller in a written agreement covering such use. For further information, please contact your Chemours representative. These products may not be directly added to food, pharmaceuticals, cosmetics, or cigarette papers/filters for tobacco products.

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