Ti-Pure™
R-900 Titanium Dioxide

Product Information

Product Description

Ti-Pure™ R-900 is a rutile titanium dioxide pigment manufactured by the chloride process for general interior coatings applications. It is a fine dry powder with the following general properties.

Table 1.

Analysis and Physical Properties of Ti-Pure™ R-900

Property	R-900
TiO_2, wt%, min.	94
Alumina, wt%	4.3
Amorphous Silica, wt%	—
Specific Gravity	4.0
Bulking Value, L/kg (gal/lb)	0.25 (0.03)
Organic Treatment	No
Color CIE L*	99.8
Median Particle Size, µm	0.41
Oil Absorption	15.2
pH	8.1
Resistance at 30 °C (86 °F) (1,000 ohm)	12
Carbon Black Undertone	12.4

Note: All values are typical unless otherwise specified.

Suggestions for Use

Ti-Pure™ R-900 is a general-purpose interior pigment combining good gloss, high hiding power, and excellent dispersion. Recommended use is in:

- interior architectural coatings
- interior industrial coatings
- powder coatings
- coil coatings
- container coatings
- electrodeposition applications

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

Shipping Containers

Ti-Pure™ R-900 is available in 50-lb (25-kg) paper bags and 1 metric ton semibulk 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.

Product Storage

The shelf life of Ti-Pure™ TiO_2 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

Chemours™

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