



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™ 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.

For medical emergencies, spills, or other critical situations, call (844) 773-2436 within the United States. For those outside of the United States, call (302) 773-1000. The information set forth herein is furnished free of charge and based on technical data that Chemours believes to be reliable. It is intended for use by persons having technical skill, at their own discretion and risk. The handling precaution information contained herein is given with the understanding that those using it will satisfy themselves that their particular conditions of use present no health or safety hazards. Because conditions of product use are outside our control, Chemours makes no warranties, express or implied, and assumes no liability in connection with any use of this information. As with any material, evaluation of any compound under end-use conditions prior to specification is essential. Nothing herein is to be taken as a license to operate under or a recommendation to infringe any patents.

NO PART OF THIS MATERIAL MAY BE REPRODUCED, STORED IN A RETRIEVAL SYSTEM OR TRANSMITTED IN ANY FORM OR BY ANY MEANS ELECTRONIC, MECHANICAL, PHOTOCOPYING, RECORDING OR OTHERWISE WITHOUT THE PRIOR WRITTEN PERMISSION OF CHEMOURS.

For more information, visit tipure.com

© 2020 The Chemours Company FC, LLC. Ti-Pure™ and any associated logos are trademarks or copyrights of The Chemours Company FC, LLC.
Chemours™ and the Chemours Logo are trademarks of The Chemours Company.

C-10471-2 (2/20)