



KRONOS™

KRONOS 2044

Titanium Dioxide, TMP- and TME-free

a special pigment with high inorganic surface treatment for highly filled systems

Applications

- Matt architectural paints
- Paper coatings
- Matt printing inks
- Wallpaper coatings

Properties

KRONOS 2044 Titanium Dioxide

- TMP- and TME-free
- delivers greater opacity and tinting strength at high pigment volume concentrations than rutile pigments with less inorganic surface treatment
- imparts high brightness and a neutral tone
 - improves the brightness and opacity of paper coatings
- disperses readily
- has a higher water and dispersant demand than standard grades

Product Characteristics

Production	rutile pigment produced by the sulfate process
Surface treatment	aluminium and silicon compounds
TiO ₂ content (DIN EN ISO 591)	≥ 82%
Standard classification (DIN EN ISO 591-1)	R 3
ASTM D 476	Type III
Density (DIN EN ISO 787-10)*	3.6 g/cm ³
Bulking value*	0.27 l/kg (0.03 gal/lb)
Oil absorption (DIN EN ISO 787-5)*	43 g/100 g pigment
Color index	Pigment White 6 (77891)
CAS No.	13463-67-7
REACH Registration No.	01-2119489379-17-xxxx

* Typical value

The information contained herein only applies to the specified KRONOS product, and, while not guaranteed, is, to the best of our knowledge, true and accurate as of the date of publication of this information. KRONOS assumes no obligation or liability in connection with the use of any information in this document, and NO WARRANTY OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE, OR WARRANTY OR GUARANTY OF ANY OTHER KIND, EXPRESS OR IMPLIED, IS MADE BY VIRTUE OF THIS DOCUMENT REGARDING PERFORMANCE, SAFETY, SUITABILITY, STABILITY OR OTHERWISE. It is the responsibility of the user to determine the suitability of the product for its own particular purpose, and the user assumes all risks of use and handling of the product. This document does not create any contractual rights between KRONOS and the user. © 2022 KRONOS Worldwide, Inc. KRONOS® and logo designs associated therewith are trademarks of Kronos Worldwide, Inc. and/or its subsidiaries or affiliates.

© KRONOS INTERNATIONAL, Inc., 2024