



KRONOS™

KRONOS 3025

Titanium Dioxide

coarse rutile without pigmentary properties

Applications

- Electroceramics
- Vitreous enamels
- Glazes
- Glass
- Ceramics
- Glass fibers
- Welding rods

Properties

KRONOS 3025 Titanium Dioxide

- is readily fused in vitreous enamels and glass
- increases the UV absorption of glass
- improves the mechanical, thermal and electrical properties of glass fibers
- enhances the mechanical and thermal resistance of glass ceramics
- improves sintering in ceramics, enhances thermal and acid resistance
- ensures excellent ionisation in electric arc welding
- ensures consumption of the welding electrode without spattering
- ensures easy re-ignition of the electrode
- allows control of slag fluidity during welding

Product Characteristics

Production	rutile produced by the sulfate process
Surface treatment	none
TiO ₂ content (DIN EN ISO 591)	≥ 99%
Density (DIN EN ISO 787-10)*	4.2 g/cm ³
Bulking value*	0.24 l/kg (0.03 gal/lb)
Sieve residue > 40 µm (after dispersion in water)*	≤ 40.0%
Sieve residue > 200 µm (after dispersion in water)*	≤ 0.5%
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., 2022