

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)	100%
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

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