



KRONOS 3025

KRONOS INFORMATION **2.2**

Titanium Dioxide

coarse rutile without pigmentary properties

Applications

Electroceramics
Vitreous enamels
Glazes
Glass
Ceramics
Glass fibres
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 fibres
- 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 sulphate process
Surface treatment	none
TiO ₂ content (DIN EN ISO 591)	≥ 99%
Density (DIN EN ISO 787-10)*	4.2 g/cm ³
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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