



# KRONOS™

## KRONOS 2071

Titanium Dioxide

purified pigment for decorative cosmetics and personal care products

### Description

- KRONOS 2071 is a purified rutile used as a colorant for decorative cosmetics and personal care products i. e. eye shadows, lip sticks, nail varnishes, creams, foundations, soaps and tooth pastes.
- KRONOS 2071 helps to protect the organic ingredient in the formulation from UV-decomposition. This leads to a longer shelf life of the product.
- The respective national legislations must be observed.

### Properties

#### KRONOS 2071 Titanium Dioxide E171

- disperses readily and has good tinting strength
- meets the purity requirements for titanium dioxide E171 in the EU\* E171 is authorized for use in cosmetics and pharmaceuticals (food and feed applications are not authorized in the European Union and Switzerland).
- meets the purity requirements for color additives according to FDA in the US\* and various pharmacopeias\* (USP, JP, BP, Ph. Eur.).
- The manufacture of KRONOS 2071 is performed in compliance with the requirements of the FSSC (Food Safety System Certification) 22000 standard.

\* Further details can be found in the related Product Stewardship

### Product Characteristics

Production	rutile pigment produced by the sulfate process
Surface treatment	none
TiO <sub>2</sub> content (DIN EN ISO 591)	≥ 99%
Standard classification (DIN EN ISO 591-1)	R 1
ASTM D 476	Type II
Density (DIN EN ISO 787-10)*	4.2 g/cm <sup>3</sup>
Bulking value*	0.25 l/kg (0.03 gal/lb)
Oil absorption (DIN EN ISO 787-5)*	18 g/100 g pigment
Color index	Pigment White 6 (77891)
CAS No.	13463-67-7
REACH Registration No.	01-2119489379-17-xxxx

\* Typical value

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