



# KRONOS™

## KRONOS 1171

Titanium Dioxide

purified pigment for decorative cosmetics and pharmaceuticals

### Description

KRONOS 1171 is an anatase pigment approved for coloring pharmaceutical products i. e. tablets, capsules, lotions, nutraceuticals. It can also be used as a colorant in decorative cosmetics and personal care products like eye shadows, lip sticks, nail varnishes, creams, soaps and tooth pastes etc..

The respective national legislation must be observed.

### Properties

#### KRONOS 1171 Titanium Dioxide E 171

- 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\*
- is certified according to Food Safety System Certification (FSSC) 22000 (in recent version)

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

### Product Characteristics

Production	purified anatase 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)	A 1
ASTM D 476	Type I
Density (DIN EN ISO 787-10)*	3.8 g/cm <sup>3</sup>
Bulking value*	0.26 l/kg (0.03 gal/lb)
Oil absorption (DIN EN ISO 787-5)*	19 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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