



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 E171

- 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*.
- The manufacture of KRONOS 1171 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	purified anatase produced by the sulfate process
Surface treatment	none
TiO ₂ 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 ³
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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