

KRONOS 4045

KRONOS INFORMATION **2.2**

Titanium Dioxide Slurry

for universal use in waterborne coatings and in the paper industry

Applications

Interior emulsion paints
Paper/cardboard coatings
Paper mass

Properties

KRONOS 4045

- is an aqueous rutile pigment suspension
- is optimally dispersed and stabilized
- improves the brightness and opacity of interior emulsion paints and paper coatings
- gives paper very high wet and dry opacity when added to the paper mass
- is easy to pump and meter
- is in compliance as a colourant for Indirect Food Contact
USA: FDA 21 CFR 176.170 Components of paper and paperboard in contact with aqueous and fatty food, FDA 21 CFR 176.180 Components of paper and paperboard in contact with dry food;
Germany: BfR XXXVI Paper and board for food contact;
Europe: CoE Resolution AP(2002)1 on paper and board materials and articles intended to come into contact with foodstuff.
KRONOS 4045 also complies with the equivalent national regulations of France, Italy and Spain.

Product Characteristics

Production	rutile pigment produced by the sulphate process
Surface treatment	none
Solids*	72 ± 2.0%
Density of the suspension (DIN EN ISO 787-10)	approx. 2.2 g/cm ³
Viscosity (Brookfield)*	≤ 1000 mPa·s
pH value of the suspension	7.5 - 8.8
Standard classification ⁽¹⁾ (DIN EN ISO 591-1)*	R1
ASTM D 476 ¹	Type II
Colour index ¹	Pigment White 6 (77891)
CAS No. ¹	13463-67-7

* Typical value
¹ based on TiO₂ solid

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