

KRONOS 4045

Titanium Dioxide Slurry

for universal use in waterborne coatings and in the paper industry

Applications

- Interior emulsion paints
- Paper/cardboard coatings
- Paper pulp
- Cost-efficient primer (interior)
- Applications involving FDA/indirect food contact

Properties

KRONOS 4045 Titanium Dioxide Slurry

- Is an aqueous rutile pigment suspension
- Is optimally dispersed and stabilized
- Improves the brightness and opacity of interior emulsion paints and paper coatings
- Lends paper very high wet and dry opacity when added to the paper pulp
- Has a stable, low viscosity
- Is easy to pump and meter

Product Characteristics

Production	rutile pigment produced by the sulfate process
Surface treatment	none
Solids	69.0 - 72.0%
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
Color index ¹	Pigment White 6 (77891)
CAS No. ¹	13463-67-7

* Typical value
¹ based on TiO₂ solid

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