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Titanium Dioxide Rutile

R218 FIRST GRADE

Technical datasheet

CAS.No: 13463-67-7

Titanium dioxide Rutile R218 First Grade is produced by the sulphate process. It has a high whiteness, is organically treated and is coated with alumina and silica, giving good dispersion properties.

Usage:

Mainly used in plastics, rubbers, printing inks and paint applications.

Properties	Specification	Typical
TiO₂ content %min	75-90	80
Water content (105°C) (%) max	1.00	0.42
Matter Soluble in Water (%) max	0.3max	0.25
PH of aqueous suspension	6.5-8.0	7.37
Oil absorption (g/100g) max	23max	19
Residue on Sieve (45 microns) (%) max	0.10max	0.05
Resistivity in water extraction	50min	52

The data given on this sheet is based on test results believed to be representative of the product and should not be interpreted as a binding specification. We believe all information given is accurate. It is offered in good faith, but without guarantee, since conditions of use are beyond our control. All risks of use are assumed by the user. Nothing herein shall be construed as a recommendation for uses which infringe valid patents or as extending a licence under valid patents.