

Titanium Dioxide

PRETIOX R200MEdition
2.0 / 2021**Description**

An ultra-fine milled rutile titanium dioxide without surface treatment, possessing a high degree of whiteness, opacity, and dispersibility

Application

It can be used in various decorative paints and coatings where extra resistance to climatic conditions is not required, i.e. primers, undercoats, fillers and pastes, interior paints and paints for road markings. A low concentration of volatile substances makes it perfect for use in systems which are sensitive to high levels of heat and humidity. In the paper industry, it is used mainly in the production of barrier paper, suitable also for direct injection into paper pulp. Used also in the manufacture of construction materials for pigmentation of concrete architectural and concrete brut elements as well as for transparent bitumen colouring.

Basic characteristics

Grade	rutile pigment
Surface treatment	none
TiO ₂ content	99 %
Oil absorption	16 g/100 g
Classification EN ISO 591	R 1
Classification ASTM D476	II
Classification EN 12878	Pigment category B
Specific gravity	4.2 g/cm ³
Bulk density	500 kg/m ³
Tamped density	800 kg/m ³
CAS No.	13463-67-7
EINECS No.	236-675-5
Colour index	77891 Pigment white 6
REACH Registration No.	01-2119489379-17-0013

Safety

Titanium dioxide PRETIOX is not classified as dangerous under the relevant EC Directives and is not dangerous according to transport regulations ADR/RID. PRETIOX R200M complies with the purity requirements on materials and articles intended to come into contact with food as well as with the EC Directives for Safety of toys. PRETIOX R200M is NSF Certified for plastic piping system components and also complies with the European Standard EN 12878 for application in building industry

This leaflet is a general guide to the properties and fields of potential application of PRETIOX grades. Information on application are given in good faith and does not constitute any guarantee. For specific grade selection please contact Technical Service.