

Titanium Dioxide

PRETIOX AV01SF

Edition
2.0 / 2021

Description

A universal, ultra-fine milled anatase titanium dioxide, without surface treatment, possessing a high degree of whiteness, opacity and dispersibility.

Application

It is used in interior solvent-based and water-based paints and road marking paints..PRETIOX AV01SF is also suitable for undemanding plastic manufacturing applications: injection moulding, rolling, casting, the production of plates, polyolefin products, PVC etc. Ready made products have a limited life time and are intended both for interior or exterior use. It can also be used for the pigmentation of rubber mixtures, and can be used for direct injection into paper pulp, barrier paper, and paper coatings. Suitable also for non-pigment application – for manufacturing glass, ceramics, electroceramics and ceramic dyes.

Basic characteristics

Grade	anatase pigment
Surface treatment	none
TiO ₂ content	99 %
Water absorption	20 g/100 g
Classification EN ISO 591	A 1
Classification ASTM D476	I
Classification EN 12878	Pigment category B
Specific gravity	3.9 g/cm ³
Bulk density	390 kg/m ³
Tamped density	700 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 AV01SF 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 AV01SF complies also 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.