PRECHEZA

Titanium Dioxide

PRETIOX RGZW

Edition
2.0 / 2021

Description

A micronized rutile titanium dioxide with special inorganic surface treatment with aluminum and zirconium compounds, with aluminum ion modification in the crystal structure.

Application

It possesses an excellent degree of resistance to climatic conditions with a high level of gloss retention, very good optical parameters, colouring power, a low specific conductivity, and excellent dispersibility. This is suitable for the production of water-soluble and solvent-soluble coating materials, such as top varieties of decorative paints and top quality industrial coating systems which require extraordinary resistance to climatic conditions. Suitable for paints, air drying and heat curing acrylic and alkyd enamel paints, polyurethane coating materials, powder paints, coil coatings and can coatings etc.

Basic characteristics

Grade	rutile pigment
Surface treatment	Al, Zr
TiO_2 content	95%
Oil absorption	20 g/100 g
Classification EN ISO 591	R 2
Classification ASTM D476	II , IV
Specific gravity	4.1 g/cm^3
Bulk density	630 kg/m^3
Tamped density	900 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 RGZW 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.

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