

Technical Data Sheet

Rutile Titanium Dioxide R908+

R908+ is a kind of multi-purpose rutile titanium dioxide produced by sulfate process. Treated by ZrO_2 , Al_2O_3 and organic surface treatment. Having extreme whiteness and gloss, blue undertone, superfine particle size & narrow size-distribution, great UV-absorbing capacity, outstanding weather ability and chalk resistance, excellent hiding power and tinting strength, very good dispersion and stability.

Applications:

High grade indoor & outdoor coatings, interior and exterior latex paints, industrial coatings, powder coatings, plastics (PVC, PE, polystyrene and polyurethane etc.), masterbatch, PVC profile, rubber, high-grade printing ink and paper making, etc..

Item	Value
TiO ₂ %	94 min
Rutile content %	99 min
PH value	6.5-8.5
Surface treatment	Zr, Al
Organic treatment	Yes
Matter volatile at 105°C	0.5 max
Average Particle Size	0.3um
Resistivity (Ω.m)	9000 min
Oil absorption (g/100g)	20 max
CIE Δ L	98.5
Δ b	1.8
Reducing power(Reynold's Number)	1850

Basic Information:

Name:	Titanium Dioxide (TiO ₂)
CAS NO.:	13463-67-7
EINECS NO.:	236-675-5
Color Index:	77891, pigment white 6
ISO591-1:2000:	R2
ASTM D476-84:	II
Appearance:	White powder
Specific gravity:	4.05 g/cm ³

Package and Storage:

25kg woven bag, craft bag or 1000kg big woven plastic bag.

The product is a kind of white powder which is safe, nontoxic and harmless. Keep from moisture during transport and should be stored in a cool, dry condition. Avoid breathing dust when handling, and wash with soap & water in case of skin contact. For more details, please refer to the MSDS.