

ANPEAK-SCM (HONG KONG) LTD.

Technical Data Sheet

Titanium Dioxide Rutile R916

Product Information:

R916 is white powder, non-toxic, chemically inactive, surface treated with zirconium and aluminum compounds and modified with organic compounds. The product has good pigment properties (high level of whiteness, lightening power, gloss, hiding power); it has high dispersion, excellent weather resistance.

Titanium Dioxide Type:

ISO591:1-2000 R2; ASTM D-476 II

Applications:

R916 is the pigment designed for the applications where is required of high durability and chalking resistance. This pigment is particularly recommended for coatings, plastic and paper used outdoor.

Technical Specification:

Characteristic		Requirements
TiO ₂ Content,%(m/m)	≥	93
Volatile at 105°C,%(m/m)	≤	0.5
Water Soluble Objects,%(m/m)	≤	0.3
Mesh Residue (45um),%(m/m)	≤	0.02
Color		
△ L*(Sample –Reference Sample)	≥	-0.3
△ S	≤	0.5
Scattering Power(Compared With Reference Sample)%	≥	100
Rutile Content,%(m/m)	≤	98
Matter Volatile at 105°C after 24h preconditioning at (23±2) °C and (50±5) °C% relative humidity % (m/m) ^b ≤		0.5
PH Value of Aqueous Suspension		6.5~8.0
Oil Absorption ,g/100g		20
Resistivity, Ω m	≥	80
a. The Reference Sample is based on the mutual agreement between two interested parties. The requirement for matter volatile at 105°C after preconditioning shall only apply if this characteristic is explicitly specified by the interested parties or in contract.		

Product Standard:

Q/321191AER 001-2017

Package:

The product is packed with plastic woven bag, palletized and shrink-wrapped; the net weight is 25kg/bag. If special request, the product can be packed in 500 or 1000 kg jumbo bags.