



南京钛白化工有限责任公司

NANJING TITANIUM DIOXIDE CHEMICAL CO.,LTD.

TECHNICAL DATA SHEET



Titanium Dioxide Rutile NR960

Molecular formula : TiO₂

Molecular weight : 79.9

Characters : General purpose rutile Titanium Dioxide pigment produced by Sulfate process used for both water and solvent base paints. Inorganic coating Al₂O₃ and ZrO₂ are applied to the surfaces. Hydrophilic and lipophilic organic treatments are implemented to the product and therefore possess excellent pigment performances.

Quality Standard : Q/320116 NJTB 003-2018

Version No.: 2018.09.04

Product specification

Items	Specification	Typical Analysis	Test Method
TiO ₂ content (wt%)	min. 95.0	95.0	GB/T 1706-2006-7.1
Matter volatile at 105°C (wt%)	max. 0.5	0.3	GB/T 5211.3-1985(2004)
Matter soluble in water (wt%)	max. 0.3	0.2	GB/T 5211.2-2003
Residue on sieve (45µm) (wt%)	max. 0.05	0.02	GB/T 5211.18-2015
Colour (L*)	min. 94.5	95.5	GB/T 1864-2012
Scattering power (%)	min. 100	110	GB/T 1706-2006-7.6
pH of aqueous suspension	5.5~7.5	6.5	GB/T 1717-1986(2004)
Oil absorption (g/100g)	max. 21	18	GB/T 5211.15-2014
Resistivity of aqueous extract(Ω·m)	min. 100	120	GB/T 5211.12-2007
Content of Rutile(%)	min. 98	99	GB/T 30793-2014

Applications: Used for paint and coating with general purpose, screen printing ink.

Standard Package: 25Kgs/bag, 1,000Kgs/pallet, 20~22MT/20'GP