



# 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 :** TiO<sub>2</sub>

**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 Al<sub>2</sub>O<sub>3</sub> and ZrO<sub>2</sub> 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 <sub>2</sub> 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