



南京钛白化工有限责任公司

NANJING TITANIUM DIOXIDE CHEMICAL CO., LTD.

## TECHNICAL DATA SHEET

NR960 Rutile Titanium Dioxide

**Molecular formula** :  $\text{TiO}_2$

**Molecular weight** : 79.9

**Characters** : It is a multipurpose product, wet ground by imported mill with good particle size distribution, coated with inorganic compounds of zirconium oxide and aluminum oxide. The product is treated organically with excellent pigment performances.

**Quality Standard** : Q/320116 NJTB 003-2017

**Product specification** :

Items		Specification	Typical Analysis
TiO <sub>2</sub> content (wt%)	min.	93.0	95.0
Matter volatile at 105°C (wt%)	max.	0.5	0.3
Matter soluble in water (wt%)	max.	0.3	0.3
Residue on sieve (45µm) (wt%)	max.	0.05	0.02
Colour ( L* )	min.	95.0	95.5
Scattering power (%)	min.	100	110
pH of aqueous suspension		6.5~8.0	7.5
Oil absorption (g/100g)	max.	21	18
Resistivity of aqueous extract(Ω·m)	min.	100	120
Content of Rutile(%)	min.	98	99

**Applications:** Used for solvent based finish paint, ink, etc.