



# 南京钛白化工有限责任公司

NANJING TITANIUM DIOXIDE CHEMICAL CO., LTD.

## TECHNICAL DATA SHEET

### NR930 Rutile Titanium Dioxide

**Molecular formula :** TiO<sub>2</sub>

**Molecular weight :** 79.9

**Characters :** The product is wet ground by imported mill with good particle size distribution, densely coated with inorganic compounds of a small quantity silicon oxide and alumina. The product can be treated by organic compounds according to the client application and possesses excellent pigment performances.

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

**Product specification :**

Items		Specification	Typical Analysis
TiO <sub>2</sub> content (wt%)	min.	94.0	96.5
Matter volatile at 105°C (wt%)	max.	0.5	0.2
Matter soluble in water (wt%)	max.	0.3	0.2
Residue on sieve (45µm) (wt %)	max.	0.05	0.02
Colour ( L* )	min.	95.0	95.5
Scattering power (%)	min.	100	112
pH of aqueous suspension		6.0~8.0	7.2
Oil absorption (g/100g)	max.	21	18
Resistivity of aqueous extract(Ω·m)	min.	80	150
Content of Rutile(%)	min.	98	99

**Applications:** Used for master batch, films and etc.