



南京钛白化工有限责任公司

NANJING TITANIUM DIOXIDE CHEMICAL CO., LTD.

TECHNICAL DATA SHEET

NR9501 Rutile Titanium Dioxide

Molecular formula : TiO_2

Molecular weight : 79.9

Characters : The product is wet ground by imported mill and has good particle size distribution. The surface of product is densely coated with inorganic compounds of silicon oxide and alumina, treated organically. The product has excellent pigment performances.

Quality Standard : Q/320116 NJTB 003-2017

Product specification :

Items		Specification	Typical Analysis
TiO ₂ content (wt%)	min.	92.0	94.4
Matter volatile at 105°C (wt%)	max.	0.5	0.3
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	114
pH of aqueous suspension		6.5~8.5	7.6
Oil absorption (g/100g)	max.	21	20
Resistivity of aqueous extract(Ω·m)	min.	50	100
Content of Rutile(%)	min.	98	99

Applications: Used for solvent borne coating, PVC profile and etc.