



南京钛白化工有限责任公司

NANJING TITANIUM DIOXIDE CHEMICAL CO.,LTD.

TECHNICAL DATA SHEET

Titanium Dioxide Rutile NR930

Molecular formula : TiO_2

Molecular weight : 79.9

Characters : The product is wet ground by imported mill with good particle size distribution, densely coated with inorganic alumina compound and treated organically.

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.	96.0	96.5	GB/T 1706-2006-7.1
Matter volatile at 105°C (wt%)	max.	0.5	0.2	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
Color (L*)	min.	94.5	95.5	GB/T 1864-2012
Scattering power (%)	min.	100	112	GB/T 1706-2006-7.6
pH of aqueous suspension		6.0~8.0	7.2	GB/T 1717-1986(2004)
Oil absorption (g/100g)	max.	21	18	GB/T 5211.15-2014
Resistivity of aqueous extract($\Omega \cdot m$) min.		80	150	GB/T 5211.12-2007
Content of Rutile(%)	min.	98	99	GB/T 30793-2014

Applications: Used for master batch, plastic films and flexible PE/PP/PVC products.