



南京钛白化工有限责任公司

NANJING TITANIUM DIOXIDE CHEMICAL CO.,LTD.

TECHNICAL DATA SHEET

Rutile Titanium Dioxide Rutile NR930

Molecular formula : TiO₂

Molecular weight : 79.9

Characters : Rutile grade Titanium Dioxide pigment produced by Sulfate process used for master batch, PE plastic film, solvent based ink and etc. Inorganic coating Al₂O₃ is applied to the surfaces. Organic treatment is implemented to the product and therefore possesses excellent pigment performances.

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(Ω·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.

Standard Package: 25Kgs/bag, 1,000Kgs/pallet, 20~22MT/20'GP

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