



南京钛白化工有限责任公司

NANJING TITANIUM DIOXIDE CHEMICAL CO., LTD.

Certificate of Analysis

Product : Titanium Dioxide Rutile NR960
Quality standard : Q/320116 NJTB 003-2018
Production Date : 2022-05-18
Batch Number : 220518305110 -1MT
Inspection date : 2022-05-19
Sales contract : 2206JH4487
INV number : 3575224487
Shelf life : Two years
Manufacturer : NANJING TITANIUM DIOXIDE CHEMICAL CO., LTD.

Items	Specification	Results	Test Method
TiO ₂ content(wt%) min.	95.0	95	GB/T 1706-2006-7.1
Matter volatile at 105°C (wt%) max.	0.5	0.3	GB/T 5211.3-1985(2004)
Matter soluble in water (wt%) max.	0.3	0.3	GB/T 5211.2-2003
Residue on sieve (45µm) (wt %) max.	0.05	0.02	GB/T 5211.18-2015
Color (L*) (linseed oil) min	94.5	95.0	GB/T 1864-2012
Color (B*) (linseed oil) max	2.2	1.82	GB/T 1864-2012
Scattering power (%) min.	100	118	GB/T 1706-2006-7.6
pH of aqueous suspension	5.5~7.5	6.3	GB/T 1717-1986(2004)
Oil absorption (g/100g) max.	21	19	GB/T 5211.15-2014
Resistivity of aqueous extract(Ω·m) min.	100	211	GB/T 5211.12-2007

Content of Rutile(%)	min.	98	98	GB/T 30793-2014
Humidity (%)	max	0.5	0.26	
Hiding power	min	92	92.5	Plant internal standard
Gloss	min	54	64.2	Plant internal standard

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