

PDA2000

Product introduction

PDA2000 is an anatase TiO₂ pigment which produced by sulfate process. Special design in hydrolysis & calcination process offer its high performance in plastic fields, with characters of good dispersion & hiding power, low oil absorption, even particle size distribution and whiteness/blue undertone, it is recommend strongly for plastic (master-batch), interior coating, rubber, printing inks. Meanwhile it is an excellent material to produce fiber TiO₂.



Description

Titanium Dioxide Anatase Type	
Classification	ISO591-1:2000: A1 ASTMD-478:84: I
Color NO.	77891, white pigment 6
CAS NO.	13463-67-7
BINECS NO.	236-675-5
Density	3.79/cm ³
Appearance	White powder
Packing	1000kg net weight
Performance	good dispersion & hiding power, low oil absorption, even particle size distribution and whiteness/ blue undertone
Process	Sulfate process
Application	PVC Pipes, master-batch, Interior coatings Rubber, Printing ink, Fiber TiO ₂

Technical Data Sheet

Item	Unit	Typical data
TiO ₂	%	≥98
Tint Strength (Compared with ST.Sample)	%*100	≥108
Color (compared with ST.Sample)	L*sample /L*standard	≥99.8 Δb ≤0.5
pH		6.8-8.5
Oil Absorption	g/100g	≤20
Hiding Efficiency	%	≥100
Residue(45μm)	%	≤0.03
Material soluble in water	%(m/m)	≤0.6
Dispersion in water	%	≥80