

Titanium dioxide PRETIOX AV-01 SF

MANUFACTURER / SELLER

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PRODUCT INFORMATION

Chemical substance	Titanium dioxide (TiO ₂)		
Grade	Superfine milled, unmodified, surface untreated anatase pigment		
Basic properties	Easy to disperse, very good whiteness, low weathering resistance		
Surface treatment	Untreated		
Classification	ISO 591: A1	ASTM D476: I	EU TARIC code: 320 611 00
Colour index No.	Pigment White 6 (77 891)		
CAS No.	13463-67-7		
EINECS No.	236-675-5		
Delivery form	Powder		
Packaging	25 ± 0.2 kgs paper bags, 500 or 1000 ± 4 kgs big bags or according agreement		
Storing	Original packaging, dry and covered stores, pile up max. 3 pallets		

Preservation of processing properties six months from the date of expedition is guaranteed by the supplier

RECOMMENDED APPLICATION

Direct addition to paper pulp and for paper coating
 Interior air drying paints for water - based or solvent systems
 Primers and interior enamels

CAN BE ALSO APPLIED FOR

Pigmentation of caoutchouc mixtures
 Floorings
 Road - marking paints

Information on application is given in good faith and does not constitute any guarantee.
 We recommend trial application tests.

TECHNICAL DATA	Unit	Value	Testing method
TiO ₂ content	(%)	min. 98.0	SPTM:LM/TB.30
Volatile matters at 105°C	(%)	max. 0.4	SPTM:LM/TB.32
Specific resistance	(Ohm/cm)	min. 2500	SPTM:LM/TB.34
Residue on sieve 0,045 mm-Mocker	(%)	max. 0.04	SPTM:LM/TB.37
Particles below 2 microns (Malvern)	(%)	min. 97.0	SPTM:LM/TB.4
pH of aqueous extract		min. 6.0	SPTM:LM/TB.35
Whiteness	(%)	min. 98.4	SPTM:LM/TB.36.2
Undertone		min. 8	SPTM:LM/TB.36.3
Tint-reducing power-grey paste	(points)	min. 1220	SPTM:LM/TB.36.3
Oil absorption	(g/100g)	max. 23.0	SPTM:LM/TB.33

Safety Data Sheet is available on www.precheza.cz