

# Titanium dioxide PRETIOX AV-03F/S

## MANUFACTURER / SELLER

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## PRODUCT INFORMATION

Chemical substance	Titanium dioxide (TiO <sub>2</sub> )		
Grade	Superfine milled, classified anatase pigment, modified by Sb <sub>2</sub> O <sub>3</sub>		
Basic properties	Very good dispersity and whiteness		
Surface treatment	Inorganic - No Organic - Yes		
Classification	ISO 591: A 1	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 or according to agreement		
Storing	Original packaging, dry and covered stores, pile up max. 2 pallets		

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

## RECOMMENDED APPLICATION

Special grades for the delustering of all kinds of polyesters fibres and yarns  
 It can be used for the delustering of viscose fibres

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 <sub>2</sub> content	(%)	min. 98.5	SPTM:LM/TB.30
Rutile content	(%)	max. 1.2	SPTM:LM/TB.7
Volatile matters at 105°C	(%)	max. 0.4	SPTM:LM/TB.32
Residue on sieve 0,045 mm - Mocker	(%)	max. 0.03	SPTM:LM/TB.37
Particles below 2 microns (Malvern)	(%)	min. 98.5	SPTM:LM/TB.4
pH of aqueous extract		min. 6.0	SPTM:LM/TB.35
L* in powder		min. 98.6	SPTM:LM/TB.36.2
b* in powder		-0.1± 0.4	SPTM:LM/TB.36.2
Dispersity in water/ 4 hours	(%)	min. 98.0	SPTM:LM/TB.46
Sb <sub>2</sub> O <sub>3</sub> content	(%)	min. 0.3	SPTM:LM/TB.6
Fe content	(ppm)	max. 20	SPTM:LM/TB.6
Fluidity of suspension	(sec)	max. 35	SPTM:LM/TB.45.1
Filtrability of suspension	(g)	min. 380	SPTM:LM/TB.45.2

Safety Data Sheet is available on [www.precheza.cz](http://www.precheza.cz)