

Titanium dioxide PRETIOX RG-18

MANUFACTURER / SELLER

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PRODUCT INFORMATION

Chemical substance	Titanium dioxide (TiO ₂)
Grade	Micronized rutile pigment, modified by Al ₂ O ₃
Basic properties	High weathering resistance, superfine dispersity and optical properties
Surface treatment	Inorganic and organic compounds (Al ₂ O ₃ , SiO ₂)
Classification	ISO 591:R2 ASTM D476: II (IV) 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

High quality paints
Industrial air-drying solvent and acid curing paints
Powder coatings

CAN BE ALSO APPLIED FOR

Solvent-based printing inks
Colouring of PVC mixtures

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. 92.5	SPTM:LM/TB.30
Rutile content	(%)	min. 98.0	SPTM:LM/TB.7
Volatile matters at 105°C	(%)	max. 1.0	SPTM:LM/TB.32
Specific resistance	(Ohm/cm)	min. 7000	SPTM:LM/TB.34
Residue on sieve 0,045 mm-method Mocker	(%)	max. 0.01	SPTM:LM/TB.37
pH of aqueous extract		min. 7.0	SPTM:LM/TB.35
L* coordinate in white paste		min. 96.5	SPTM:LM/TB.36.1
b* coordinate in white paste		max. 1.2	SPTM:LM/TB.36.1
Undertone		min. 9	SPTM:LM/TB.36.3
Tint-reducing power-grey paste	(points)	min. 1820	SPTM:LM/TB.36.3
Oil absorption	(g/100g)	max. 25.0	SPTM:LM/TB.33
Dispersibility	(μm)	max. 40	SPTM:LM/TB.39.2
Surface treated Al ₂ O ₃	(%)	typically 3.0	SPTM:LM/TB.6
Surface treated SiO ₂	(%)	typically 2.0	SPTM:LM/TB.6

Safety Data Sheet is available on www.precheza.cz