

# Titanium dioxide PRETIOX RG-18P

## MANUFACTURER / SELLER

PRECHEZA a.s.  
Nábřeží Dr. E. Beneše 24  
751 62 Přerov, Czech Republic  
tel.: + 420 581 706 831  
fax: + 420 581 706 830  
[precheza@precheza.cz](mailto:precheza@precheza.cz)  
[www.precheza.cz](http://www.precheza.cz)

## PRODUCT INFORMATION

Chemical substance Titanium dioxide (TiO<sub>2</sub>)  
Grade Micronized rutile pigment modified by Al<sub>2</sub>O<sub>3</sub>  
Basic properties Very good dispersity and weathering resistance  
Surface treatment Inorganic compounds(Al<sub>2</sub>O<sub>3</sub>,SiO<sub>2</sub>), siloxanes  
Classification ISO 591:R2 ASTM D476: II 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

Body-colouring of PVC mixtures, PS and polyolefines for indoor and outdoor application  
Construction plastics  
Masterbatches

It is not recommended for water-based application

## CAN BE ALSO APPLIED FOR

Powder coatings  
Body-colouring of rubber

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. 92,5	SPTM:LM/TB.30
Rutile content	(%)	min. 98,0	SPTM:LM/TB.7
Volatile matters at 105°C	(%)	max. 0,7	SPTM:LM/TB.32
L* coordinate in white paste		min. 96.5	SPTM:LM/TB.36.1
b* coordinate in white paste		max. 1.3	SPTM:LM/TB.36.1
Undertone		min. 9	SPTM:LM/TB.36.3
Tint-reducing power-grey paste	(body)	min. 1820	SPTM:LM/TB.36.3
DOP absorption	(g/100g)	max. 32,0	SPTM:LM/TB.33
Surface treated Al <sub>2</sub> O <sub>3</sub>	(%)	approx. 3,2	SPTM:LM/TB.6
Surface treated SiO <sub>2</sub>	(%)	approx. 2,3	SPTM:LM/TB.6

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