

Titanium dioxide PRETIOX RGZW

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
www.precheza.cz

PRODUCT INFORMATION

Chemical substance	Titanium dioxide (TiO ₂)
Grade	Micronized, rutile pigment modified by Al ₂ O ₃
Basic properties	Superfine dispersity and high weathering resistance
Surface treatment	Inorganic and organic compounds (Al ₂ O ₃ , ZrO 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

Outdoor weather resistant paints
Industrial water-born paints
Powder coatings

CAN BE ALSO APPLIED FOR

Pigmentation of plastics
Printing inks - semigloss

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. 94.0	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
Specific resistance	(Ohm/cm)	min. 8300	SPTM:LM/TB.34
Residue on sieve 0,045 mm-method Mocker	(%)	max. 0.02	SPTM:LM/TB.37
pH of aqueous extract		min. 7.0	SPTM:LM/TB.35
L* coordinate in white paste		min. 96.7	SPTM:LM/TB.36.1
b* coordinate in white paste		max. 1.4	SPTM:LM/TB.36.1
Undertone		min. 8	SPTM:LM/TB.36.3
Tint-reducing power-grey paste	(points)	min. 1820	SPTM:LM/TB.36.3
Oil absorption	(g/100g)	max. 22.0	SPTM:LM/TB.33
Dispersibility	(μm)	max. 50	SPTM:LM/TB.39.2
Surface treated Al ₂ O ₃	(%)	typically 3.2	SPTM:LM/TB.6
Surface treated ZrO ₂	(%)	typically 0.4	SPTM:LM/TB.6

Safety Data Sheet is available on www.precheza.cz