

DIÓXIDO DE TITANIO TC

FICHA TÉCNICA

General description

Type	Micronised rutile pigment, lattice-stabilized with Al ₂ O ₃ , coated with aluminium and silicon compounds and organically treated
Chemical class	Titanium dioxide (TiO ₂) / rutile
Classification as per DIN 55 912/1 / ASTM D 476	R 2 / III, IV, V
Delivery form	Powder
Colour Index	Pigment white 6 (77891)
CAS-No.	13463-67-7
Ecological and toxicological data see Material Safety Data Sheet	

Specified values

	Min.	Max.	Test method
Brightness CIE L* (Powder pellet)	98.5	99.5	PT-0382
Color CIE b*	0.6	1.4	PT-0982
Tint Strength (Tinting with black pigment) W/B T.S. (Reducing Power), %	105	113	PT-0128
Tint Tone (Tinting with black pigment) W/B Tint Tone	-5.1	-4.6	PT-0428

Informative technical data (guide values)

	Min.	Max.	Test method
TiO ₂ [%]	93		PT-5006
Al ₂ O ₃ + SiO ₂ [%]	4.6	5.9	PT-5003, PT-5002
pH	7.5	9.0	PT-0002
Sieve residue (325 mesh) [ppm]		30	PT-0007
Specific resistance [kohm.cm]	5.0		PT-0004
W/B Gloss, 60°	62	74	PT-0228
Oil absorption [g/100 g]		approx. 19	PT-0801
Moisture (ex works) [%]		approx. 0.5	PT-0003
Tamped density [g/cm ³]		approx. 1	DIN ISO 787 part 11
Density [g/cm ³]		approx. 4	DIN ISO 787 part 10

Transport- and storage conditions

Protect from the weather. Store in dry place and avoid extreme fluctuations in temperature.

Special conditions for opened packages:

Close bag after use to prevent moisture absorption and soiling!