



TECHNICAL DATA SHEET

Titandioxid Typ O

Description A white, dry powder

Pigment type Anatase pigment

INCI Name Titanium Dioxide

Chemical Composition	By weight	CAS No.	CI Number	Einecs
TiO ₂	≥ 99 %	13463-67-7	77891	236-675-5

Trace Elements	Specif. Values max.	Unit
Arsenic (AS)	1	ppm
Cadmium (Cd)	1	ppm
Lead (Pb)	10	ppm
Mercury (Hg)	1	ppm
Zinc (Zn)	50	ppm

Physical Properties

pH (10 % aqueous solution)	7,5
Particle size	0,1–0,3 µm (no nanoparticles)
Oil Absorption	21 g/100 g
Acid soluble matter	0,3 %
Residue on sieve 45 µm	0,02 %
Volatile Content (105 °C)	0–0,5 %

This colourant is compliant with Regulation (EC) No.1223/2009 (Annex IV).

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