



Titanium Dioxide TC

Technical Data Sheet

Product Name:	Gelest Titanium Dioxide TC
Product Code:	WIA-TCA
INCI Name:	Titanium Dioxide, Triethoxycaprylsilane
CAS #:	13463-67-7, 2943-75-1
EINECS #	236-675-5, 220-941-2
CI Number:	77891

TYPICAL PROPERTIES:

<u>Test</u>	<u>Parameter</u>
Appearance:	White powder
Odor:	Slight, characteristic
Hydrophobicity:	Passes (1 gram floats on 50 ml still deionized water for one hour)
Loss on Drying @105°C three hours:	< 1%
Heavy metals:	
Antimony:	maximum 2 ppm
Arsenic:	maximum 1 ppm
Cadmium:	maximum 1 ppm
Lead:	maximum 10 ppm
Mercury:	maximum 1 ppm
Microbial content:	< 100 cfu/gram; no pathogens
Composition:	
Titanium Dioxide:	98-99%
Triethoxycaprylsilane:	1-2%

Note: The values above are typical, not intended for use in preparing specifications. Please contact the Gelest PCS sales representative when writing specifications.