

Technical Data Sheet

Product Name: Gelest Titanium Dioxide SD
Product Code: WIA-SDA
INCI Name: Titanium Dioxide, Polymethylsilsesquioxane/Trimethylsiloxysilicate
CAS #: (proposed) 13463-67-7, 56275-01-5
EINECS # 236-675-5, n/a (polymer)
CI Number: 77891
Date Issued 4/15/2009
Revision Number: 2; INCI name revision; jch

Typical Properties

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

<u>Test</u>	<u>Parameter</u>
Appearance	white powder
Odor	Slight, characteristic
Hydrophobicity:	Passes (1gram 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 10 ppm
Lead:	maximum 1 ppm
Mercury:	maximum 1 ppm
Zinc:	maximum 100 ppm
Microbial content:	< 100 cfu/gram; no pathogens
Composition:	
Titanium Dioxide	98-99%
Polymethylsilsesquioxane/Trimethylsiloxysilicate	1- 2%