

Technical Data Sheet

Product Name: Gelest Ultramarine Blue SD
Product Code: LIA-SDA
INCI Name:(proposed) Ultramarines, Polymethylsilsesquioxane/Trimethylsiloxysilicate
CAS #: 57455-37-5, 56275-01-5
EINECS # 309-928-3, n/a (polymer)
CI Number: 77007
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	blue powder
Odor	Slight, characteristic
Hydrophobicity:	Passes (1gram floats on 50 ml still deionized water for one hour)
Loss on Drying @ 105°C three hours	< 2.5%
Heavy metals:	
Arsenic:	maximum 3 ppm
Lead:	maximum 20 ppm
Mercury:	maximum 1 ppm
Microbial content:	< 100 cfu/gram; no pathogens
Composition:	
Ultramarine Blue	95-97%
Polymethylsilsesquioxane/Trimethylsiloxysilicate	3-5 %