

PRODUCT SPECIFICATIONS & INFORMATION

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PRODUCT: Sipernat[®] 50

METHOD #	PROPERTIES	UNIT	SPEC. RANGE
<u>PRODUCT SPECIFICATIONS</u> (value provided on every Certificate of Analysis)			
PCM-23U	Loss on Drying, ex plant (1)	%	≤ 7.0
PCM-20U-1	pH-Value (5% aqueous slurry)		5.6-7.0
PCM-25U	Tamped Density, ex plant	g/L	165-215
PCM-41U	DBP Absorption (1)	g/100g	≥ 310
PCM-26U	Alpine Sieve Residue, > 63 µm	%	≥ 15

SUPPLEMENTAL INFORMATION (not certified)

METHOD #	PROPERTIES	UNIT	TYPICAL VALUE
PCM-37U-2	BET Surface Area	m ² /g	450
PCM-32U-1	Mean Particle Size (3)	µm	50
PCM-03U	SiO ₂ (2)	%	98.5
PCM-10U	Na ₂ O (2)	%	1
PCM-51U	Sulfate as SO ₃ (2)	%	0.8
PCM-50U	Fe ₂ O ₃ (2)	%	0.03

(1) based on material dried for 2 hours @ 105°C

(2) based on material ignited for 2 hours @ 1000°C

(3) Coulter Multisizer, 100 µm capillary

CAUTION: Inhalation of synthetic amorphous precipitated silica may irritate the respiratory tract. Adequate ventilation and, where dust occurs, a NIOSH-approved dust respirator is recommended. Material Data Safety Sheets are available on request.

Information herein is accurate to the best of our knowledge. Suggestions are made without warranty or guarantee of results. Before using, user should determine the suitability of the product for his intended use and user assumes the risk and liability in connection therewith. We do not suggest violation of any existing patents or give permission to practice any patented invention without license. Unless otherwise specified, this Product Specification Sheet is an Uncontrolled Document.

CAS Name: Synthetic Amorphous Precipitated Silica

CAS# 7631-86-9 (TSCA Inventory)

CAS# 112926-00-8

Revision No. 1.0

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