

Product Information

SIPERNAT® 160

CAS NUMBER

112926-00-8

PRODUCT DESCRIPTION

SIPERNAT® 160 combines high chemical purity, low drying loss and low water absorption.

Typical Properties

Property	Unit	Value
Chemical Name		Silicon dioxide, chemically prepared
Electrical Conductivity, max.	μS/cm	500
Loss on Drying, max.	wt%	4.0
Loss on Ignition, max.	wt%	4.5
Particle Size	μm	13
D50		
pH Value		5.5-5.5
5% in Water		
Sieve Residue, max.	wt%	3.0
45 μm Spray		
Tamped Density	g/l	80
Whiteness	%	93.0
Standard Value Y		

The data represents typical values (no product specification)

TYPICAL APPLICATIONS

Typical applications: silicone rubber

Product Composition

Product Composition	Unit	Value
Iron (Fe) Content, max.	ppm	400
Sodium (Na) Content, max.	wt%	0.5
Silicon Dioxide (SiO ₂) Content	wt%	97.0-100.0

The data represents typical values (no product specification)

Product Composition

Product Composition	Unit	Value
Sulfate (SO ₄) Content, max.	wt%	0.6

The data represents typical values (no product specification)

SAFETY

Information concerning the safety of this product is listed in the corresponding Safety Data Sheet, which will be sent with the first delivery or upon updating. Such information is also available from Evonik Operations, Product Safety Department, E-MAIL sdsim@evonik.com. We recommend to read carefully the safety data sheet prior to the use of our product.

PACKAGING

For details regarding our packaging options for this product, please contact your local sales representative.

STORAGE

Our silica products are inert and extremely stable chemically. However, due to their high specific surface area, they can absorb moisture and volatile organic compounds from the surrounding atmosphere. We therefore recommend storing the products in their original packaging (e.g. fully shrink-wrapped) or in sealed containers in a dry place away (or apart) from volatile organic substances. Even if a product is stored under these conditions, after a longer period it can still pick up ambient moisture over time, which could lead to its exceeding the specified moisture content. For this reason, our recommended use-by date is 24 months after date of manufacture. Product more than 24 months old should be tested for moisture content before use in order to make certain that it is still suitable for the intended application.

SHELF LIFE

2 years

Registration Listings

Registry	Status
Australia (AIRC)	Yes
Canada (DSL)	Yes
China (IECSC)	Yes
EU (REACH)	Yes
EU (EINECS/ELINCS)	Yes
Japan (ENCS)	not available

Registration Listings

Registry	Status
South Korea (KECL)	Yes
New Zealand (NZIoC)	Yes
Philippines (PICCS)	Yes
Taiwan (TCSI)	not available
USA (TSCA)	Yes

Disclaimer

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