

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

The data represents typical values (no product specification)

## TYPICAL APPLICATIONS

Typical applications: silicone rubber

### Product Composition

Product Composition	Unit	Value
<b>Iron (Fe) Content, max.</b>	ppm	400
<b>Sodium (Na) Content, max.</b>	wt%	0.5
<b>Silicon Dioxide (SiO<sub>2</sub>) Content</b>	wt%	97.0-100.0
<b>Sulfate (SO<sub>4</sub>) Content, max.</b>	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](mailto: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 (AIIC)	Yes
Canada (DSL)	Yes
China (IECSC)	Yes
EU (REACH)	Yes
European Union (EINECS/ELINCS)	Yes
Japan (ENCS)	not available
South Korea (KECL)	Yes
New Zealand (NZIoC)	Yes
Philippines (PICCS)	Yes
Taiwan (TCSI)	not available
United States of America (TSCA)	Yes

#### Disclaimer

This information and all further technical advice are based on our present knowledge and experience. However, it implies no liability or other legal responsibility on our part, including with regard to existing third-party intellectual property rights, especially patent rights. In particular, no warranty, whether express or implied, or guarantee of product properties in the legal sense is intended or implied. We reserve the right to make any changes according to technological progress or further developments. The customer is not released from the obligation to conduct careful inspection and testing of incoming goods. Performance of the product described herein should be verified by testing, which should be carried out only by qualified experts in the sole responsibility of a customer. Reference to trade names used by other companies is neither a recommendation, nor does it imply that similar products could not be used.

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