

# SIPERNAT® 44 MS

## Characteristic physico-chemical data\*)

Properties and test methods	Unit	Value
Particle size, d50 Laser diffraction following ISO 13320	µm	3.0
pH value 5 % in water following ISO 787-9	-	11.5
Sieve residue 45 µm Immersed following ISO 787-7	ppm	≤ 100
Tamped density not sieved following ISO 787-11	g/l	550
Atro content <sup>1)</sup> 1 h at 800°C following ISO 3262-1	%	80.0
SiO <sub>2</sub> content <sup>2)</sup> following ISO 3262-19	%	41
Na content <sup>1)</sup> internal method	%	14
Al content <sup>1)</sup> internal method	%	15
Fe content <sup>1)</sup> internal method	ppm	≤ 200
1) based on original substance 2) based on ignited substance (2 h/1000°C) *) The given data are typical values. Specifications on request.		

## Registrations

### SIPERNAT® 44 MS

CAS-No.	1318-02-1
REACH (Europe)	registered
TSCA (USA) AICS (Australia) DSL (Canada)	registered
PICCS (Philippines) IECSC (China)	registered
ENCS (Japan)	registered
KECI (Korea)	registered
NZIoC (New Zealand)	registered

SIPERNAT® represents a specific product range of precipitated silica, aluminium and calcium silicates.

SIPERNAT® 44 MS is a Zeolite of high purity.

## Properties and applications

SIPERNAT® 44 MS is used as an antiblocking agent in polyolefins for excellent haze- and CoF values at high masterbatch loadings.

## Safety and handling

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 [sds-im@evonik.com](mailto:sds-im@evonik.com) We recommend to read carefully the safety data sheet prior to the use of our product.

## Packaging and storage

For details regarding our packaging options for this product, please contact your local sales representative. Our products are inert and extremely stable chemically. However, they can absorb moisture and volatile organic compounds from the surrounding atmosphere. Therefore, we recommend storing the products in sealed containers in a dry, cool place, and removed 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. For this reason, our recommended use-by date is 24 months after date of manufacture. Product more than 24 months old should be tested in order to make certain that it is still suitable for the intended application.

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