Product Information

SIPERNAT® 823

CAS NUMBER

1344-00-9

PRODUCT DESCRIPTION

Hydrophilic precipitated milled Aluminium Silicate powder

Key effects: free-flow, anti-caking, processing aid for spray drying

Typical Properties

Property	Unit	Value
BET Surface Area	m^2/g	90
Chemical Name		Silicic acid, aluminum sodium salt
Loss on Drying 2h / 105°C following ISO 787-2	%	4
Particle Size d50	µm	8
pH Value 5% in water following ISO 787-9		10
Tamped Density not sieved following ISO 787-11	g/l	285

The data represents typical values (no product specification)

TYPICAL APPLICATIONS

Technical powders, rubber goods

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 sds-hu@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

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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