

AEROSIL® 90

Hydrophilic fumed silica

Characteristic physico-chemical data

Properties and test methods	Unit	Value
Specific surface area (BET)	m ² /g	75 - 110
pH value in 4% dispersion		3.7 - 4.7
Loss on drying* 2 hours at 105°C	%	≤ 1.0
Tamped density*	g/l	approx. 80
SiO ₂ content based on ignited material	%	≥ 99.8

* ex plant

The data represents typical values (no product specification).

Registrations (substance or product components)

AEROSIL® 90

CAS-No.	112 945-52-5 7631-86-9
REACH (Europe)	registered
TSCA (USA)	registered
DSL (Canada)	registered
AICS (Australia)	registered
ENCS (Japan)	registered
IECS (China)	registered
KECI (Korea)	registered

AEROSIL® 90 is a hydrophilic fumed silica with a specific surface of 90 m²/g.

Applications and properties

Applications

- RTV-1K , -2K, liquid silicone rubber (LSR) and sealants
- CMP

Properties

- AEROSIL® grade with a small surface area
- Improved reinforcement and thixotropic effect in RTV-silicone rubber
- Particularly suitable for achieving high loading levels or improving extrudability

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 Resource Efficiency GmbH, Product Safety Department, E-MAIL sds-hu@evonik.com or can be downloaded from our homepage www.aerosil.com. We recommend to read carefully the safety data sheet prior to the use of our product.

Packaging and storage

AEROSIL® 90 is supplied in multiple layer 10 kg bags. We recommend to store the product in closed containers under dry conditions and to protect the material from volatile substances. AEROSIL® 90 should be used within 2 years after production.

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