

AEROSIL® 90

Hydrophilic fumed silica

Characteristic physico-chemical data

Properties and test methods	Unit	Value
Specific surface area (BET)	m ² /g	75 - 105
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
IECSC (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

A safety data sheet will be provided with your first delivery and with subsequent revisions. Additionally, the Product Safety Department of Evonik Resource Efficiency GmbH can be contacted via mail at sds-hu@evonik.com for specific questions. We recommend to reach the safety data sheet carefully prior to use of the 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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