

AEROSIL® 150

Hydrophilic fumed silica

Characteristic physico-chemical data

Properties and test methods	Unit	Value
Specific surface area (BET)	m ² /g	135 - 165
pH value in 4% dispersion		3.7 - 4.5
Loss on drying 2 hours at 105 °C	%	≤ 1.5
Tamped density*	g/l	approx. 50
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® 150

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® 150 is a hydrophilic fumed silica with a specific surface area of 150 m²/g.

Applications and properties

Applications

- Sealants
- RTV-1K-silicone sealants
- HTV-silicone rubber

Properties

- Improved reinforcing properties and thixotropy of room temperature vulcanizing silicone sealants
- Improved reinforcing properties of HTV-silicone rubber

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® 150 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® 150 should be used within 2 years after production.

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