

Product Information

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▶ AEROSIL® 200 Hydrophilic Fumed Silica

AEROSIL® 200 is a hydrophilic fumed silica with a specific surface of 200 m²/g.

Applications and Properties

Applications

- Paints and coatings
- Unsaturated polyester resins, laminated resins and gel coats
- HCR- and RTV 2K silicone rubber
- Adhesives and sealants
- Printing inks
- Cable compounds and cable gels
- Plant protection
- Food and cosmetics

Properties

- Rheology and thixotropy control of liquid systems, binders, polymers, etc.
- Used as anti-settling, thickening, anti-sagging agent
- Reinforcement of HCR- and RTV -2K silicone rubber
- Improvement of free flow and anticaking characteristics of powders

Physico-chemical Data

Properties	Unit	Typical Value
Specific surface area (BET)	m ² /g	200 ± 25
Average primary particle size	nm	12
Tapped density* (approx. value) acc. to DIN EN ISO 787/11, Aug. 1983	g/l	approx. 50
Bulk density (approx. value) * ACM 104	g/l	approx. 30
Moisture * 2 hours at 105 °C	wt. %	≤ 1.5
Ignition loss, 2 hours at 1000 °C, based on material dried for 2 hours at 105 °C	wt. %	≤ 1.0
pH in 4% dispersion		3.7 - 4.7
SiO ₂ -content based on ignited material	wt. %	≥ 99.8

* ex plant

The data represents typical values and not production parameters.

Safety and Handling

With each (sample-) delivery of our products we will send a Material Safety Data Sheet. Of course you can also ask at any time for a MSDS or any other information regarding product safety.

Packing and Storage

AEROSIL® 200 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® 200 should be used within 2 years after production.

Registration

	CAS-No.	EINECS	TSCA (USA) AICS (Australia), CEPA (Canada)	MITI (Japan)	ECL (Korea)	NEPA (China)
AEROSIL® 200	112945-52-5 7631-86-9	231-545-4	Registered	1-548	KE-30953 (KE-31032)	List 1

Technical Contact

Or your local Degussa Representative

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