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Product Information

AEROSIL® R 202

Hydrophobic Fumed Silica

AEROSIL® R 202 is a fumed silica aftertreated with a polydimethylsiloxane.

Applications and Properties

Applications

- Adhesives and sealants
- Epoxy-, vinylester resins and gelcoats
- Cable gels

Properties

- Thickening and thixotropy of complex polar liquids based on epoxy, polyurethane or vinylester resins.
- Thickening and thixotropy of cable gels for fiber optic cables.
- Anti-settling agent for heavy fillers.

Physico-chemical Data

Properties	*Unit*	*Typical Value*
Specific Surface Area (BET)	m^2/g	**100 ± 20**
Carbon content	wt. %	**3.5 – 5.0**
Average Primary Particle Size	nm	**14**
Tapped Density* *(approx. value) acc. to DIN EN ISO 787/11, Aug. 1983*	g/l	**approx. 60**
Moisture * *2 hours at 105 °C*	wt. %	**≤ 0.5**
Ignition loss, *2 hours at 1000 °C, based on material dried for 2 hours at 105 °C*	wt. %	**4.0 – 6.0**
pH *in 4% dispersion*		**4.0 – 6.0**
SiO_2-content *based on ignited material*	wt. %	**≥ 99.8**

** ex plant*

The data represents typical values and not production parameters.

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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® R 202 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® R 202 should be used within 2 years after production.

Registration

	CAS-No.	*EINECS*	*TSCA (USA) AICS (Australia), CEPA (Canada) PICCS (Philippines)*	*MITI (Japan)*	*ECL (Korea)*	*NEPA (China)*
AEROSIL® R 202	**67 762-90-7**	**Exempted**	**Registered**	**1-548 / 7-476**	**KE-31207**	**List III**

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