

Product Information

AEROSIL® R 8200

CAS NUMBER

68909-20-6

INCI-NAME

Europe: Silica Silylate; NAFTA: Silica Silylate

PRODUCT DESCRIPTION

AEROSIL® R 8200 is a structure modified fumed silica surface treated with HMDS with low thickening effects.

Typical Properties

Property	Unit	Value
BET Surface Area	m ² /g	135-185
Chemical Name		Silanamine, 1,1,1-trimethyl-N-(trimethylsilyl)-, hydrolysis products with silica
Loss on Drying, max.	wt%	0.5
pH Value in 4% Dispersion		5.0-14.0
Tapped Density	g/l	140

The data represents typical values (no product specification)

TYPICAL APPLICATIONS

- Silicone rubber
- Adhesives and Sealants
- Defoamers
- Toner

Product Composition

Product Composition	Unit	Value
Carbon (C) Content	wt%	2.0-4.0
Silicon Dioxide (SiO ₂) Content based on ignited material	wt%	99.8-100.0

The data represents typical values (no product specification)

BENEFITS & ADVANTAGES

- Low thickening effect and excellent processability enable high loading levels of polymer systems
- Excellent reinforcing properties in silicone rubber applications at high filler loading levels (e.g. self-levelling RTV-1, RTV-2, LSR)
- Well suited for transparent systems
- Free-flow aid for powders

SHELF LIFE

2 years

Registration Listings

Registry	Status
Australia (AICIS)	Yes
Canada (DSL)	Yes
China (IECSC)	Yes
EU (REACH)	Exempted
EU (EINECS/ELINCS)	Yes
Japan (ENCS)	Yes
Korea (KECL)	Yes
New Zealand (NZIoC)	not available
Philippines (PICCS)	Yes
Taiwan (TCSI)	Yes
USA (TSCA)	Yes
Vietnam (NCI)	not available

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