



# AEROSIL<sup>®</sup> Fumed Silica

Adhesives and Sealants Applications

## AEROSIL® Fumed Silica – Adhesives and Sealants Applications

AEROSIL® fumed silica can be used to achieve highly viscous, thixotropic, storable adhesives beads and sealants, which are essential for automobile body components, electronics, surface mounted devices (SMD), building construction, and renewable energy industries.



### Automotive Industry

AEROSIL® fumed silica is the industry choice for providing consistent process stability in automotive testing environments.

#### AEROSIL® grades for automotive applications

Benefit	Epoxy	Polyurethane and SMP	Acrylic and Methacrylate	Hot Melts	Anaerobic Threadlocker
Rheology	AEROSIL® R 202 AEROSIL® R 208	AEROSIL® R 202 AEROSIL® R 208	AEROSIL® 200 AEROSIL® 300	–	AEROSIL® 200
Suspension	AEROSIL® R 202 AEROSIL® R 812	AEROSIL® R 106 AEROSIL® R 974	–	AEROSIL® R 972	AEROSIL® R 972
Reinforcement	AEROSIL® R 8200	AEROSIL® R 8200 SIPERNAT® D 13	AEROSIL® R 711 AEROSIL® R 7200	AEROSIL® R 972 SIPERNAT® 22 LS	–
Optical Clarity	AEROSIL® R 106 AEROSIL® R 812	AEROSIL® R 106 AEROSIL® R 812	AEROSIL® 300	–	–



### Renewable Energy Industry

AEROSIL® fumed silica and SIPERNAT® precipitated silica provide synthetic engineered options for supporting mastic and putty formulations providing both strength and hardness.

#### AEROSIL® grades for applications in the renewable energy industry

Benefit	Epoxy	Polyurethane	Acrylic and Methacrylate	Hot Melts	Anaerobic Threadlocker
Rheology	AEROSIL® R 202 AEROSIL® R 208	AEROSIL® R 202 AEROSIL® R 208	AEROSIL® 200 AEROSIL® 300	–	AEROSIL® 200
Suspension	AEROSIL® R 202 AEROSIL® R 812	AEROSIL® R 106 AEROSIL® R 974	AEROSIL® R 106	AEROSIL® R 972	AEROSIL® R 972
Reinforcement	AEROSIL® R 8200 SIPERNAT® D 13	AEROSIL® R 8200 SIPERNAT® D 13	AEROSIL® R 711 AEROSIL® R 7200	AEROSIL® R 972 SIPERNAT® 22 LS	–
Optical Clarity	AEROSIL® R 106 AEROSIL® R 812	AEROSIL® R 106 AEROSIL® R 812	AEROSIL® 300	–	–

## Construction Industry

AEROSIL® fumed silica and SIPERNAT® precipitated silica support reinforcement and transparency in silicone, PUR and SMP adhesives and sealants. AEROSIL® fumed silica improves both the mechanical and rheological properties of both one or two component systems.

### AEROSIL® grades for applications in the construction industry

Benefit	Epoxy	Silicone	Polyurethane and SMP	Acrylic and Methacrylate
Rheology	AEROSIL® R 202 AEROSIL® R 208	AEROSIL® 300	AEROSIL® R 202 AEROSIL® R 208	AEROSIL® 200 AEROSIL® 300
Suspension	AEROSIL® R 202 AEROSIL® R 208	AEROSIL® R 106	AEROSIL® R 972 AEROSIL® R 974	AEROSIL® R 972
Reinforcement	AEROSIL® R 8200	AEROSIL® R 8200 AEROSIL® 150	AEROSIL® R 8200 SIPERNAT® D 13	AEROSIL® 200
Optical Clarity	AEROSIL® R 106 AEROSIL® R 812	AEROSIL® R 106 AEROSIL® 300	AEROSIL® R 106	AEROSIL® 300

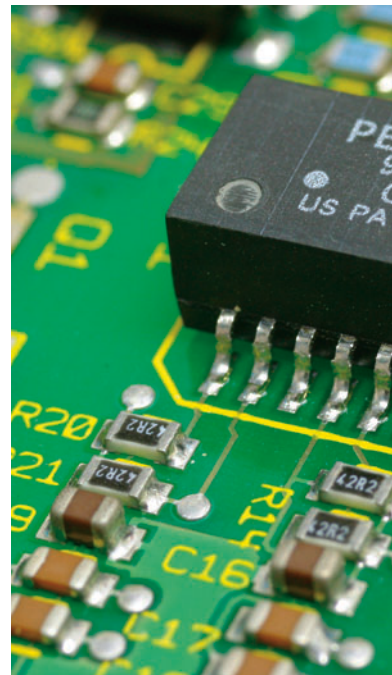


## Electronics Industry

AEROSIL® fumed silica grades are natural engineered synthetic metal silicon oxide and very effective for high purity applications requiring high drop profile, no strings and high cure strength with excellent optical clarity.

### AEROSIL® grades for electronics applications

Benefit	Epoxy	Silicone	Acrylic and Methacrylate
Rheology	AEROSIL® R 208 AEROSIL® R 805	AEROSIL® 300	AEROSIL® 200 AEROSIL® 300
Suspension	AEROSIL® R 202 AEROSIL® R 805	AEROSIL® R 106	AEROSIL® R 106
Reinforcement	AEROSIL® R 8200	AEROSIL® R 8200 AEROSIL® 150	AEROSIL® R 711 AEROSIL® R 7200
Optical Clarity	AEROSIL® R 106 AEROSIL® R 812	AEROSIL® R 106 AEROSIL® 300	AEROSIL® 300
Drop Profile	AEROSIL® R 812 AEROSIL® R 812 S	AEROSIL® R 812 AEROSIL® 300	AEROSIL® 200 AEROSIL® 300



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