

CAB-O-SIL® H-300 FUMED SILICA

Product highlights

CAB-O-SIL H-300 fumed silica is a high surface area fumed silica which imparts significant increase in viscosity in liquid systems and in reinforcement of sealants and rubbers.



CAB-O-SIL H-300 fumed silica is characterized by:

- ◆ High purity
- ◆ Aggregate structure
- ◆ Submicron particle size
- ◆ Low bulk density
- ◆ Hydrophilic surface chemistry

Application information

Rheology Control for Coatings, Adhesives, and Other Liquid Systems:

CAB-O-SIL H-300 fumed silica is used to provide thickening, thixotropic (shear-thinning) and anti-settling behavior in liquid systems. High shear dispersion equipment is required to realize the full benefits of CAB-O-SIL H-300 fumed silica. For clear coatings and other systems, very well dispersed CAB-O-SIL H-300 fumed silica enables good transparency. CAB-O-SIL H-300 fumed silica is most efficient in non-polar to medium polarity systems. For more polar systems, treated fumed silica is more effective.

Reinforcement of Silicone and Organic Rubber:

CAB-O-SIL H-300 fumed silica can be used for reinforcement of silicone rubber and can be used to reinforce organic rubbers. It imparts good increase in hardness, tensile strength, and elongation.

Product form and logistics

- ◆ Product form: powder
- ◆ Regional availability: global
- ◆ Packaging options:
 - 10kg multi-wall kraft paper bags
 - 150kg flexible intermediate bulk containers (FIBCs)

For information on product-specific storage conditions, please refer to the applicable Safety Data Sheet (SDS) available from your Cabot representative or at cabotcorp.com.

NORTH AMERICA
Business & Technology Center
157 Concord Road
Billerica, MA 01821-7001
United States
T +1 800 462 2313
F +1 978 670 7035

SOUTH AMERICA
Cabot Brasil Industria e
Comercio Ltda.
Rua do Paraíso 148 - 5º andar
04103-000 São Paulo
Brazil
T +55 11 2144 6400
F +55 11 3253 0051

EUROPE
SIA Cabot Latvia
Gustava Zemgala Gatve 74A
Riga, LV-1039
Latvia
T +371 670 50 900
F +371 670 50 985

MIDDLE EAST/AFRICA
Cabot Specialty Chemicals
Jebel Ali Free Zone
LOB 15, Office 424, Dubai
United Arab Emirates
T +971 4 8871 800
F +971 4 8871 801

ASIA PACIFIC
Cabot China Ltd.
558 Shuangbai Road
Minghang District
Shanghai 201108
China
T +86 21 5175 8800
F +86 21 6434 5532

JAPAN
Cabot Specialty Chemicals, Inc.
Sumitomo Chiba-Daimon Bldg, 3F
2-5-5 Shiba Daimon,
Minato-ku, Tokyo 105-0012
Japan
T +81 6820 0255
F +81 3 5425 4500

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