

CAB-O-SIL® MS-75D

CAB-O-SIL MS-75D, the densified form of CAB-O-SIL MS-55, is a medium-high surface area fumed silica which imparts significant increase in viscosity and reinforcement sealants and rubbers. The bulk density of MS-75D has been mechanically increased for faster incorporation and ease of handling.

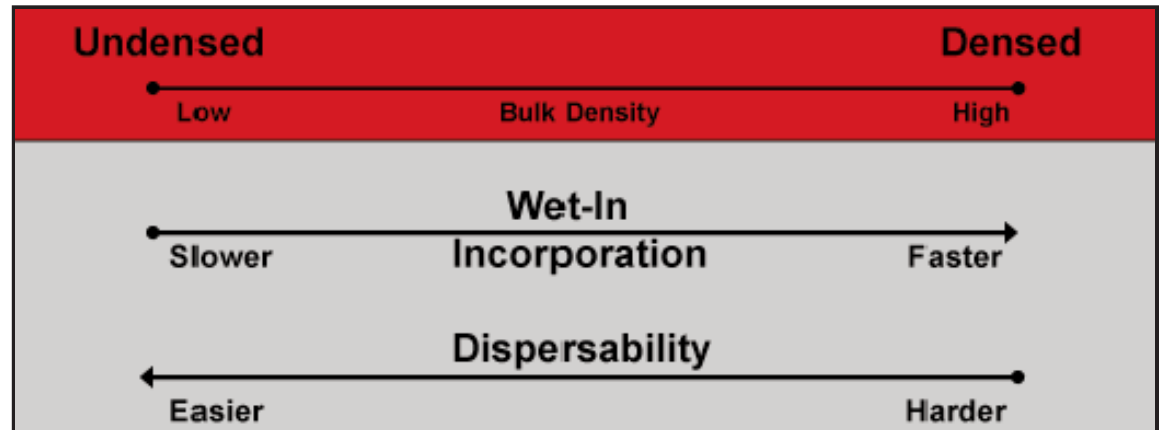
All untreated fumed silicas are characterized by:

- High purity
- Aggregated structure
- Submicron particle size
- Low bulk density
- Hydrophilic surface

Application Information:

CAB-O-SIL MS-75D is widely used to reinforce silicone rubbers. Use of a densified, higher bulk density, silica such as MS-75D requires very high shear dispersion equipment to achieve adequate dispersion of the silica. The higher bulk density of MS-75D facilitates faster wet-in or incorporation into these viscous polymer systems.

Comparison of Undensified and Densified Fumed Silicas

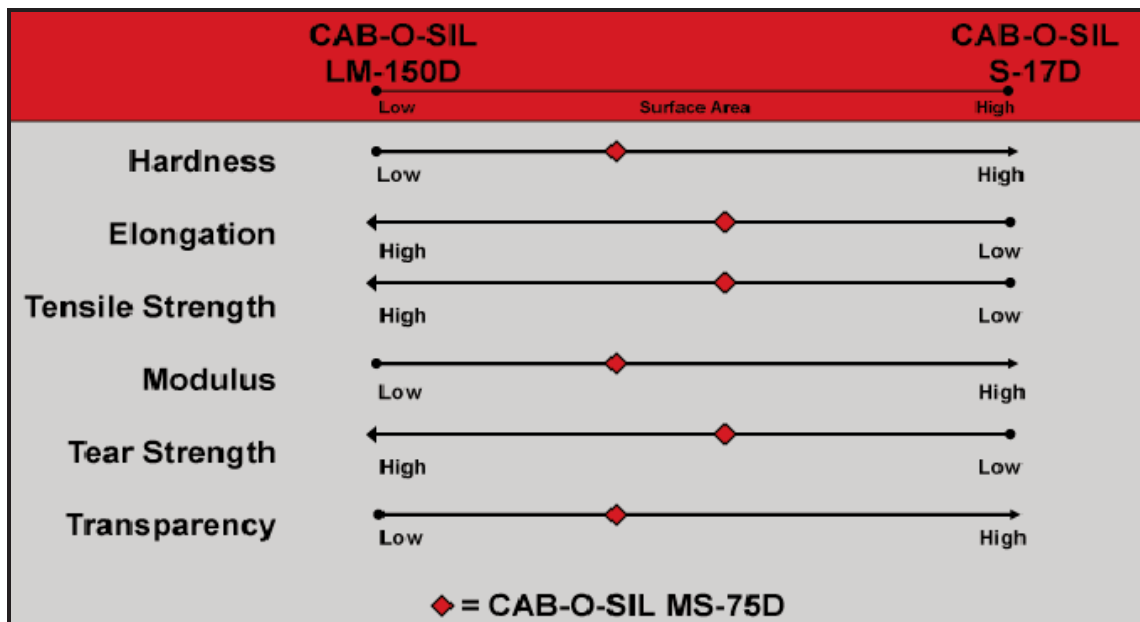


Silicone Rubbers:

CAB-O-SIL MS-75D is commonly used for reinforcement of HTV/HCR and liquid silicone rubber (LSR). It imparts significant increase in hardness, tensile and elongation. Because of the hydrophilic surface of untreated fumed silicas, further modification of the silica surface is necessary to prevent crepe hardening.



Performance Comparison to Other Densified Fumed Silicas



Packaging Options:

CAB-O-SIL MS-75D is packaged in multi-wall Kraft paper bags and flexible intermediate bulk containers (FIBCs). In North America it is available in poly-shrouded units containing 15 x 20-lb paperbags (300 lb net weight) and in 500-lb FIBCs. In Europe it is available in poly-shrouded units containing 18 x 20-kg paper bags (360 kg net weight). For other bulk package options contact a sales manager at the Cabot Corporation office in your region.

Product Sales Specifications:

Sales specifications for this product may be obtained by contacting a sales or technical service manager at the Cabot Corporation office in your region.

Material Safety Data Sheet:

A Material Safety Data Sheet for this product may be obtained by contacting the Cabot Corporation office in your region or can be downloaded from our website:

www.cabot-corp.com

This information is provided as a convenience and for informational purposes only. No guarantee or warranty as to this information, or any product to which it relates, is given or implied. Cabot disclaims all warranties express or implied, including merchantability or fitness for a particular purpose as to (i) such information, (ii) any product or (iii) intellectual property infringement. In no event is Cabot responsible for, and Cabot does not accept and hereby disclaims liability for, any damages whatsoever in connection with the use of or reliance on this information or any product to which it relates.

NORTH AMERICA

Cabot Corporation
Business and Technical
Center
157 Concord Road
Billerica, MA 01821-7001
USA
Customer Service:
Tel: (800) 526-7591
Technical Service:
Tel: +1 (978) 663-3455
Tel: (800) 462-2313
Fax: +1 (978) 670-6167

EUROPE

Cabot
Interleuvenlaan 15 i
B-3001 Leuven
BELGIUM
Tel: +32 16 39 24 00
Fax: +32 16 39 24 44

ASIA/ PACIFIC

Cabot Specialty
Chemicals Level 21
MNI Tower 2
11, Jalan Pinang
50450 Kuala Lumpur
MALAYSIA
Tel: +60 3 2164 8352
Fax: +60 3 2161 0253

SOUTH AMERICA

Cabot Latin America Division
Rua do Paraíso 148 5th Floor
Paraíso CEP 04103-000
São Paulo SP
BRAZIL
Tel: +55 11 2144 6400
Fax: +55 11 3253 0051

CHINA

Cabot (China) Limited
558 Shuangbai Lu
Wujing Shanghai
201108
CHINA
Tel: +86 21 5175 8800
Fax: +86 21 6434 5532