

UNTREATED FUMED SILICA



CAB-O-SIL® M-5

CAB-O-SIL M-5 is a medium surface fumed silica which imparts significant increase in viscosity in liquid systems, free flow of powders and reinforcement of silicone and organic rubbers.

All untreated fumed silicas are characterized by:

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

Application Information:

Rheology Control for Coatings, Adhesive and other Liquid Systems:

CAB-O-SIL M-5 is widely used to provide thickening, thixotropic (shear-thinning), and anti-settling behavior in liquid systems. M-5 is most efficient in non-polar to medium polarity systems. For more polar systems, treated fumed silicas are more effective. M-5 offers the best balance of thickening efficiency and dispersibility.



Free-flow of Powder Systems:

When blended into sticky and poorly flowing powder systems, M-5 reduces angle of repose and improves powder flow. During storage of powder systems,



M-5 reduces caking and blocking.

Reinforcement of Silicone and Organic Rubber:

CAB-O-SIL M-5 can be used for reinforcement of silicone rubber and can be used to reinforce organic rubbers. It imparts good increase in hardness, tensile and elongation.



Cabot Corporation
www.cabot-corp.com

Distributed by
Freeman Manufacturing & Supply Co.
www.freemansupply.com (800) 321-8511



Packaging Options:

CAB-O-SIL M-5 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 18 x 10 lb. paper bags (180 lb. net weight) and in 250 lb. FIBCs. In Europe and Asia it is available in poly-shrouded units containing 18 x 10 kg paper bags (180 kg net weight) and in 150 kg FIBCs.

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

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.

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