

CAB-O-SIL[®] H-5 Fumed Silica



CAB-O-SIL H-5 fumed silica is a high surface area fumed silica that can impart a significant increase in the viscosity of liquid systems, and both reinforcement and viscosity of sealants and rubbers.

All untreated fumed silicas are characterized by:

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

Application Information

Rheology Control for Coatings, Adhesive and other Liquid Systems

CAB-O-SIL H-5 fumed silica can be 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 H-5 fumed silica. For clear coatings and other systems, well-dispersed CAB-O-SIL H-5 fumed silica allows for good transparency.

CAB-O-SIL H-5 fumed silica is most suited for building viscosity in non-polar to medium polarity systems. For more polar systems, treated fumed silicas are more efficient in building viscosity.

Reinforcement of Silicone and Organic Rubber

CAB-O-SIL H-5 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.

Packaging Options

CAB-O-SIL H-5 fumed silica is packaged in multi-wall Kraft paper bags and flexible intermediate bulk containers (FIBCs). It is available in poly-shrouded units containing 18 x 10 kg paper bags (180 kg net weight) and in 150 kg FIBCs.

CAB-O-SIL® H-5 Fumed Silica

Material Safety Data Sheet

A Material Safety Data Sheet for this product may be obtained from your local Cabot representative or can be downloaded from our website at cabotcorp.com.

Product Sales Specifications

Sales specifications for this product may be obtained from your local Cabot representative.

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