

CAB-O-SIL[®] CT-1221 FUMED SILICA

Product highlights

CAB-O-SIL CT-1221 fumed silica is a fluidizing additive suitable for use in powder coatings applications and other powders where enhanced free flow and fluidization performance is desired. It is a highly pure silica that has been treated with hexamethyldisilazane (HMDZ). This treatment replaces many of the surface hydroxyl groups on the fumed silica with trimethylsilyl groups, rendering CAB-O-SIL CT-1221 fumed silica very hydrophobic.



All treated fumed silicas are characterized by:

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

Key application

CAB-O-SIL CT-1221 fumed silica provides the following performance benefits in powder coatings applications:

- ◆ Excellent fluidization and free-flow properties
- ◆ Hydrophobic nature provides anti-blocking/anti-caking properties
- ◆ Improves storage stability of powder coatings
- ◆ Improves transfer efficiency and productivity during application of the powder coating
- ◆ High performance can be achieved at low loading levels
- ◆ Enables good film appearance (lack of orange peel) in final coating

CAB-O-SIL® CT-1221 FUMED SILICA

Product form and logistics

- ◆ Product form: powder
- ◆ Regional availability: global
- ◆ Packaging options: 10-lb) multi-wall bags; in poly- shrouded units containing 18 x 10 lb. paper bags (180 lb. net weight)

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.

The CAB-O-SIL name is a registered trademark of Cabot Corporation.

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