

## CAB-O-SIL® TS-530D

**CAB-O-SIL TS-530D**, the densified form of TS-530, is a high surface area fumed silica which has been surface modified with hexamethyldisilazane. The bulk density has been mechanically increased for faster incorporation and ease of handling.

**TS-530D is characterized by:**

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

### Application Information:

CAB-O-SIL TS-530D is used primarily for reinforcement of silicone rubber. With its higher bulk density, TS-530D is faster to incorporate but more difficult to disperse. To achieve the full performance benefits of TS-530D, high shear dispersion equipment is required.

### Silicone Rubber:

In HTV and liquid silicone rubber, TS-530D provides good reinforcement. As the surface is fully treated, further modification of the silica surface is not necessary to prevent crepe hardening. The compatibility of the TS-530D surface treatment with silicones enables faster incorporation and dispersion than an untreated fumed silica. TS-530D may impart less viscosity than TS-530 in liquid silicone rubber.

### Packaging Options:

CAB-O-SIL TS-530D is packaged in multi-wall Kraft paper bags and poly-shrouded units. Specific packaging information may be obtained by contacting a sales representative 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](http://www.cabot-corp.com)

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