

CAB-O-SIL® TS-622

CAB-O-SIL TS-622 is a medium surface area fumed silica which has been surface-modified with dimethyldichlorosilane. The treatment renders it more hydrophobic resulting in very different properties and performance than untreated silicas.

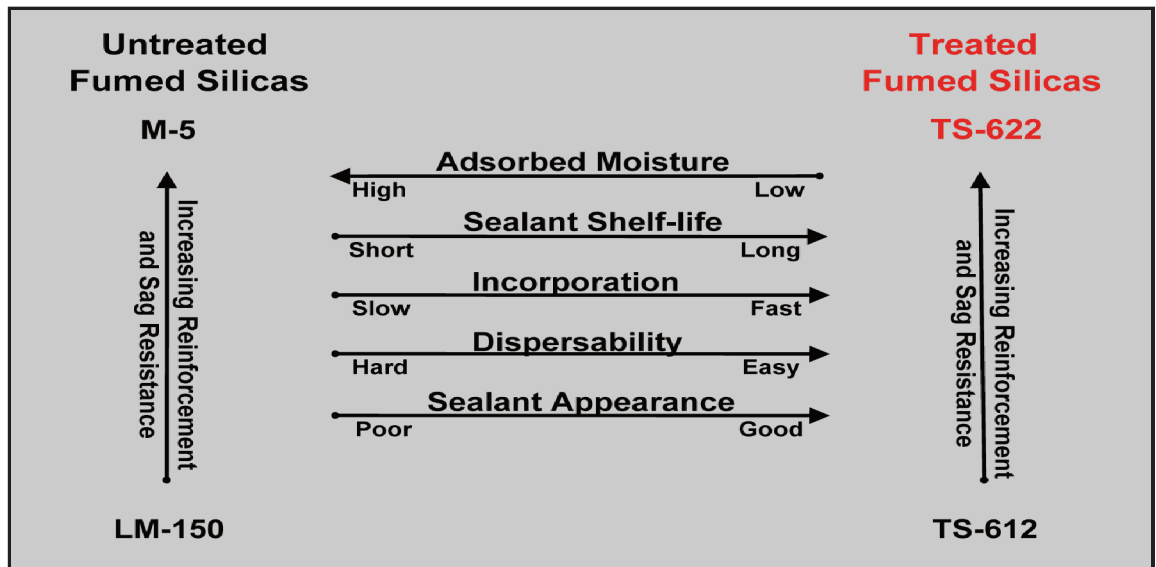
CAB-O-SIL TS-622 is characterized by:

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

Application Information:

CAB-O-SIL TS-622 was designed for use as a reinforcing agent for RTV-1 silicone sealants. The silica surface area and treatment have been optimized to provide excellent sealant performance and maintain good processability.

Performance Comparison in Silicone Sealants:



Silicone Sealants:

In RTV-1 silicone sealants, CAB-O-SIL TS-622 provides sag and slump resistance in uncured and reinforcement in cured sealant comparable to untreated fumed silica of equivalent surface area. However, the surface treatment enables the formulator to achieve better performance than with untreated fumed silicas.

CAB-O-SIL TS-622 provides:

Compatibility with silicone polymer for:

- Faster wet-in or incorporation
- Better dispersion
- Good sealant surface smoothness and appearance

Low adsorbed moisture for:

- Longer sealant shelf-life
- Reduced cross-linker requirement

Higher silica surface area for:

- Good reinforcement at lower silica loading
- Increased transparency of clear sealants



Packaging Options:

CAB-O-SIL TS-622 is packaged in 10 kg multi-wall Kraft paper bags and available in 18 x 10 kg (net weight 180 kg) poly-shrouded units.

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

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