

HYDROPHOBIC FUMED SILICA

CAB-O-SIL® TS-610 Fumed Silica

CAB-O-SIL® TS-610 treated fumed silica is a high-purity, large particle size silica which has been treated with dimethyldichlorosilane (DMDCS).

The treatment replaces many of the surface hydroxyl groups on the fumed silica with methyl groups. This renders the silica less hydrophilic, having very different properties from untreated silica.

CAB-O-SIL® TS-610 treated fumed silica is a light, fluffy powder that is white in appearance and is used in many applications and variety of industries.

Typical Properties

Product Properties	UOM	Values
BET Specific Surface Area	m ² /g	105 - 145
pH (4% slurry, 80:20 IPA/Water)	-	4.0 min
Carbon Content	%	0.7 – 1.0
325 Mesh Residue (44 micron)	%	0.5 max
Tamped Density	g/L	70 max
Loss on Heating*	%	1.0 max

* at the time of packaging

Packaging Options

CAB-O-SIL TS-610 treated fumed silica is packaged in 10kg multi-wall Kraft paper bags.

Material Safety Data Sheet

A Material Safety Data Sheet for this product may be obtained from your local Cabot Sanmar representative.