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**MINERAL FILLERS
 -SILICAS-**

**FUMISIL® AMS-1
 (Hydrophobic Fumed Silica)**

PRODUCT DESCRIPTION:

Fumisil AMS-1 is a hydrophobic fumed silica produced by the chemical treatment of hydrophilic grades with silanes or siloxanes.

TYPICAL PROPERTIES:

Fumisil AMS-1

Appearance	white powder
Drying Loss- 105°C (%) (2 hrs in oven)	0.80 max
pH (in 4% aqueous dispersion)	4.5 min
Surface Area (m ² /g), BET	175 ± 20
SiO ₂ , anhydrous bone-dry basis, (%)	99.9 min
Hydrophobicity %	> 99.3 min

APPLICATION:

- Synthetic Rubber applications
- Adhesives
- Cosmetics
- Thickener of plastic lubricants
- Paints and Coatings

Fumisil AMS-1 can be used as thickener of plastic lubricants. It serves as a part of polygraphic paints. In adhesives compounding, silica provides an additional method of promoting improved adhesion, as well as providing reinforcement. Fumisil AMS-1 is used in silicone as a reinforcement agent. It is used as an anticaking agent for powders.

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