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**MINERAL FILLERS  
 -SILICAS-**

**FUMISIL® 300  
 (amorphous hydrophilic fumed silica)**

**PRODUCT DESCRIPTION:**

Fumisil 300 is a fluffy white-blue fine amorphous powder with extreme small particle size, enormous surface area and high purity, without taste and odor. It is a synthetic, hydrophilic amorphous silica produced via flame hydrolysis.

**TYPICAL PROPERTIES:**

**Fumisil 300**

Appearance .....	white-blue powder
Drying Loss- 105°C (%) (2 hrs in oven) .....	1.5 % max
pH (4% aqueous dispersion) .....	3.6 - 4.5
Surface Area (m <sup>2</sup> /g), BET .....	300 ± 30
SiO <sub>2</sub> , anhydrous bone-dry basis, (%) .....	99.9 min

**APPLICATION:**

- Synthetic Rubber applications
- Adhesives and Sealants
- Printing Inks
- Unsaturated Polyesters

Fumisil 300 silica can be used as the primary filler or in combination with other fillers. In adhesives compounding, silica provides an additional method of promoting improved adhesion, as well as providing reinforcement. Fumisil 300 silica is used in silicone as a reinforcement agent. It is also used to provide thickening, thixotropic, antisetling in liquid systems, as well as a free flow additive in the production of technical powders.

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