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**MINERAL FILLERS
 -SILICAS-**

**HJSIL® R110
 Treated Amorphous Hydrophobic Fumed Silica**

PRODUCT DESCRIPTION:

Hjsil R110 is a kind of amorphous hydrophobic fumed silica, treated with poly-dimethylsiloxane. Hjsil R110 is a high purity white colloidal powder.

TYPICAL PROPERTIES:

Hjsil R110

Appearance	white colloidal powder
Drying Loss- 105°C (%) (2 hrs in oven)	< 0.5% max
pH (suspension)	4.0-7.0
Surface Area (m ² /g), BET	100 ± 20
SiO ₂ , anhydrous bone-dry basis, (%)	99.8 min

APPLICATION:

- Adhesives and sealants
- Composite materials
- Glass-steels
- Flake resins
- Coatings and inks
- Cable gels
- Toner

Hjsil R110 can be used as thickener of plastic lubricants. It is used as thickening and thixotropy of complex polar liquids such as epoxy, polyurethane, or vinyl ester resins. In adhesives compounding, silica provides an additional method of promoting improved adhesion, as well as providing reinforcement. Hjsil R110 is used as an anticaking agent for powders.

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