

ADD*SiL*TM 11720

PU SILICONE SURFACTANT

INTRODUCTION

ADD*SiL*TM 11720 surfactant is a non-hydrolytic, isocyanate-compatible foam stabilizer with high activity. It is a copolymer of polysiloxane and polyether which mainly used for the production of polyurethane rigid foam plastic.

FEATURES

ADD*SiL*TM 11720 surfactant has good solubility and stability in the premixing systems containing isocyanate, polyether polyol, fluoro-carbon blowing agent, water, amine, organic tin catalyst.

ADD*SiL*TM 11720 has excellent surface activity and emulsifying ability.

ADD*SiL*TM 11720 can reduce the surface tension of material, provide good nucleation and improve the stability of shaped foam. It can increase the insulation and mechanical strength.

TYPICAL PHYSICAL PROPERTIES

Appearance	Transparent viscous liquid
Viscosity _{25°C}	400+/-150 mPa.s
Density _{25°C}	1.04+/-0.02 g/cm ³
Water	Max. 0.3%

APPLICATIONS

ADD*SiL*TM 11720 can be used to stabilize formulations where an isocyanate-compatible product is desired.

ADD*SiL*TM 11720 is efficient in one component foam and sandwich panel.

ADD*SiL*TM 11720 can be used with cell opener to make foam have good dimensional stability.

Recommended use levels are 1.0~2.5 pphp. The optimum surfactant loading should be defined for the particular foam formulation

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PACKING AND STORAGE

ADD*SiL*TM 11720 surfactant will become hazy when stored at temperatures below 20°C and will solidify to a soft wax at temperatures below 0°C. The product should be warmed to room temperature and stirred before use.

ADD*SiL*TM 11720 is supplied in net weight 200Kg steel drum or 1000Kg IBC tote.

When stored at ambient temperature in the original unopened packing, ADD*SiL*TM 11720 has a shelf life of 12 months from the date of production.

NOTES

All information in the leaflet is based on our present knowledge and experience. We reserve the right to make any changes according to technological progress or further developments. Performance of the product described herein should be verified by testing.

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Please send all technical questions concerning quality and product safety to: support@SiSiB.com.