

ADDSiL™ 11820

SILICONE SURFACTANT for PU RIGID FOAM

INTRODUCTION

ADDSiL™ 11820 surfactant is a non-hydrolysable polyether polydimethylsiloxane copolymer. It is designed for polyurethane foaming system with pentane blowing agent.

FEATURES

Fine Cells Texture	■ ■ ■ ■
Emulsification	■ ■
Solubility	■ ■
Flow Ability	■ ■ ■ ■
Dimensional Stability	■ ■
Void Reduction	■

TYPICAL PHYSICAL PROPERTIES

Appearance	Transparent viscous liquid
Viscosity _{25°C}	850+/-200 mPa.s
Density _{25°C}	1.04+/-0.02 g/cm ³
Water	Max. 0.3%
pH (4% water solution)	6.0+/-1.5

APPLICATIONS

ADDSiL™ 11820 provides extremely fine cells and therefore low thermal conductivity with pentane.

ADDSiL™ 11820 brings very good fluidity during the entire foaming process in the reaction system, so polyurethane foam can obtain superior adhesive strength. It is especially suitable for refrigerator systems or systems for pipe insulation.

PACKING AND STORAGE

ADDSiL™ 11820 surfactant will become hazy when stored at temperatures below 20°C and will solidify to a soft wax at temperatures below 10°C. The product should be warmed to room temperature and stirred before use.

ADD*SiL*TM 11820

SILICONE SURFACTANT for PU RIGID FOAM

ADD*SiL*TM 11820 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 11820 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.