

ADDSiL™ 11090

SILICONE SURFACTANT for PU RIGID FOAM

INTRODUCTION

ADDSiL™ 11090 silicone surfactant is a non-hydrolytic polyether polydimethylsiloxane copolymer. It is designed for HFC-245fa and the mixture blown polyurethane foams; it provides low thermal conductivities.

FEATURES

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

TYPICAL PHYSICAL PROPERTIES

Appearance	Transparent viscous liquid
Viscosity _{25°C}	750+/-200 mPa.s
Density _{25°C}	1.04+/-0.02 g/cm ³
Water	Max. 0.3%
pH (4% water solution)	5.8+/-1.5

APPLICATIONS

ADDSiL™ 11090 provides excellent compatibility in polyether polyol blends with pentanes avoiding additional haziness and phase separation.

ADDSiL™ 11090 provides excellent nucleation ability. Very fine cells and flow can deliver foams with constantly low thermal conductivities in all areas of the foamed refrigerator cabinet.

The recommended concentration of this product is 2% to 3% of polyol (php).

PACKING AND STORAGE

ADDSiL™ 11090 surfactant will become hazy when stored at temperatures below 20°C

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and will solidify to a soft wax at temperatures below 10°C. The product should be warmed to room temperature and stirred before use.

ADDSiL™ 11090 is supplied in net weight 200Kg steel drum or 1000Kg IBC tote.

When stored at ambient temperature in the original unopened packing, ADDSiL™ 11090 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.