

ADDSiL™ 11200

SILICONE SURFACTANT for PU RIGID FOAM

INTRODUCTION

ADDSiL™ 11200 silicone surfactant is a non-hydrolytic polyether polydimethylsiloxane copolymer.

It is designed for iso-cyclopentane blown polyurethane foams; it provides good nucleation and excellent flow ability.

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}	1.06+/-0.02 g/cm ³
Freezing point	<0°C
pH (4% water solution)	6.0+/-1.5

APPLICATIONS

ADDSiL™ 11200 provides good compatibility in the premixed systems containing polyether polyol, water, amine and fire retardant, avoiding haziness and phase separation.

ADDSiL™ 11200 provides good fluidity of the foaming materials and therefore excellent uniform density distribution of the molded finished product. In addition, the foamed plastic material will have extremely small cell and narrow cell distribution, as well as a very high rate of closed cell. The combined effect on fine cells and flow can deliver foams with constantly low thermal conductivities in all areas of the foamed refrigerator cabinet improving the overall potential energy savings.

ADDSiL™ 11200

SILICONE SURFACTANT for PU RIGID FOAM

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

PACKING AND STORAGE

ADDSiL™ 11200 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.

ADDSiL™ 11200 is supplied in net weight 200Kg steel drum or 1000Kg IBC tote.

When stored at ambient temperature in the original unopened packing, ADDSiL™ 11200 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.

We specifically disclaim any other express or implied warranty of fitness for a particular purpose or merchantability. We disclaim liability for any incidental or consequential damages.

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