ADDSiL™ 11320

SILICONE SURFACTANT for PU RIGID FOAM

INTRODUCTION

ADDSiL™ 11320 surfactant is a non-hydrolysable silicone glycol copolymer for manufacturing of rigid polyurethane foams.

It is designed for HCFC-141b and Pentane blown polyurethane foams

Special Features

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

Typical Physical Properties

Appearance	Transparent viscous liquid
Viscosity $_{25°C}$	1200+/-250 mPa.s
Density $_{25°C}$	1.05+/-0.02 g/cm^3
Water	Max. 0.3%
pH (1% water solution)	5.5+/-1.5

Applications

ADDSiL™ 11320 provides uniform density and highly closed cellular structures and therefore insulation and mechanical strength. 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™ 11320 brings very good fluidity during the entire foaming process in the reaction system, extremely increasing the adhesive strength of polyurethane foam.

ADDSiL™ 11320 is suitable in premixed polyol manufacture, especially well used in producing refrigerator and heat insulation materials.

ADDSiL™ 11320 provides extremely fine cells and therefore low thermal conductivity.

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

Packing and Storage

ADDSiL™ 11320 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™ 11320 is supplied in net weight 200Kg steel drum or 1000Kg IBC tote.

When stored at ambient temperature in the original unopened packing, ADDSiL™ 11320 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.

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