

ADDSiL™ 11830

SILICONE SURFACTANT for PU RIGID FOAM

INTRODUCTION

ADDSiL™ 11830 silicone surfactant is a non-hydrolysable silicone copolymer designed for use in the manufacture of rigid polyurethane foams.

ADDSiL™ 11830 can be excellent used in refrigerators and pipe insulation applications.

FEATURES

- Provides good solubility of pentane or HFC/pentane mixtures in the typical polyol formulations in the appliances industry.
- Improves nucleation and provides extremely fine celled foams, ensures the foam with low thermal conductivities.
- Improves foaming efficiency, brings good foam flow and well density distribution, reduces the formation of void.

TYPICAL PHYSICAL PROPERTIES

| | |
|---------------------------|-------------------------------------|
| Appearance | Colorless to yellowish clear liquid |
| Viscosity _{25°C} | 900+/-200 mPa.s |
| Density _{25°C} | 1.04+/-0.02 g/cm ³ |
| Water Solubility | Soluble |

APPLICATIONS

ADDSiL™ 11830 is a very efficient surfactant in refrigerators and pipe insulation applications. The recommended concentration of this product is 2% ~ 4% of polyol (php).

PACKING AND STORAGE

ADDSiL™ 11830 is supplied in net weight 200Kg steel drum or 1050Kg IBC tote.

When stored at ambient temperature in the original unopened packing, ADDSiL™ 11830 has a shelf life of 12 months from the date of production.

ADD*SiL*TM 11830

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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.