

ADDSiL™ 13950

PU SILICONE SURFACTANT

INTRODUCTION

ADDSiL™ 13950 is a low to medium-efficiency, non-hydrolyzable silicone glycol copolymer designed for flexible polyether slabstock foam.

ADDSiL™ 13950 provides superior flame retardant properties compared to other silicone surfactants.

SPECIAL FEATURES AND BENEFITS

- ☐ Provides superior synergistic effects with flame retardant.
- ☐ Minimizes the amount of flame retardant while maintaining FR properties.
- ☐ Superior emulsification
- ☐ Excellent foam stability.
- ☐ Good nucleation.
- ☐ Non-hydrolysable chemical structure for improved premix stability

TYPICAL PHYSICAL PROPERTIES

Appearance	Transparent viscous liquid
Viscosity _{25°C}	1300 +/- 300 mPa.s
Density _{25°C}	1.02 +/- 0.02 g/cm ³
PH Value(4% Water Content)	6.0 +/- 2.0

SUGGESTED FORMULATION

Component	php
Polyols	100
Water	3.8
TDI	54.55
Amine Catalyst	0.2 – 0.22
T-9	0.2 – 0.22
ADDSiL™ 13950	1.2
Methylene Chloride	4
Flame retardant	15
Foam Density	25.12 kg/m ³

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APPLICATIONS

ADD*SiL*TM 13950 is suitable for medium and high density (13-40 kg/m³) flexible slabstock foam production, specially recommended for foam density 15-35 kg/m³.

A Crib 5 rating in accordance with BS5852 can be achieved by utilizing ADD*SiL*TM 13950 surfactant in conjunction with appropriate flame retardants.

The recommended use level is 1.0 pphp.

PACKING AND STORAGE

ADD*SiL*TM 13950 is supplied in net weight 200Kg steel drum or 1000Kg IBC tote.

When stored at ambient temperature in the original unopened packings, ADD*SiL*TM 13950 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.