

ADDSiL™ 13900

Silicone Surfactant for Flexible Polyurethane Foam

INTRODUCTION

ADDSiL™ 13900 is a high efficient silicone surfactant for flexible polyether polyurethane foam.

ADDSiL™ 13900 is designed for low and medium density (8-35 kg/m³) flexible slabstock box foam production, specially recommended for foam density 8-25 kg/m³.

SPECIAL FEATURES AND BENEFITS

- Fine and consistent cell structure
- Superior emulsification
- Excellent foam stability.
- Good nucleation.
- Nonhydrolyzable chemical structure for improved premix stability

TYPICAL PHYSICAL PROPERTIES

Appearance	Transparent viscous liquid
Viscosity _{25°C}	500 +/- 150 mPa.s
Density _{25°C}	1.02 +/- 0.02 g/cm ³

SUGGESTED FORMULATION

Component	php
Polyols	100
Water	5.5
TDI	68.2
Amine Catalyst	0.25 – 0.4
T-9	0.3 – 0.45
ADDSiL™ 13900	1.8 – 2.2
Methylene Chloride	20
Flame Retardant	110
Foam Density	12 kg/m ³

APPLICATIONS

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ADDSiL™ 13900 is suitable for high hardness foam demand, will obtain uniform cell size, good density distribution.

ADDSiL™ 13900 has excellent nuclear foaming ability. It provides good nucleation, degree of emulsification and excellent bulk stability to produce foams with fine, uniform cell structure.

PACKING AND STORAGE

ADDSiL™ 13900 is supplied in net weight 200Kg steel drum or 1000Kg IBC tote.

When stored at ambient temperature in the original unopened packings, ADDSiL™ 13900 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.