

ADD*Si*L™ 13888

Silicone Surfactant for Flexible Polyurethane Foam

INTRODUCTION

ADD*Si*L™ 13888 is a silicone surfactant for the production of flexible polyurethane slabstock. It was developed to assist foam producers who use a wide range of formulations and processing conditions, including all major CO₂ processing technologies.

ADD*Si*L™ 13888 is suitable for wide density range (8-40 kg/m³) flexible slabstock box foam production, specially recommended for foam density 10-35 kg/m³.

SPECIAL FEATURES AND BENEFITS

- ☐ Useful in a wide density range (8~40kg/m³)
- ☐ 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}	950 - 1250 mPa.s
Density _{25°C}	1.00 - 1.04 g/cm ³
PH Value(1% Water Content)	5.0 - 7.0

SUGGESTED FORMULATION

Component	php
Polyols	100
Water	5.6
TDI	71
Amine Catalyst	0.23 – 0.30
T-9	0.26 – 0.32
ADD <i>Si</i> L™ 13888	1.5 – 1.8
Methylene Chloride	16
TDI Index	113
Foam Density	13 kg/m ³

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APPLICATIONS

ADD*SiL*TM 13888 is a highly active foam stabilizer whose performance in terms of activity and processing safety provides benefits for the optimization of formulations used in the production of flexible polyurethane slabstock and molded foams.

PACKING AND STORAGE

ADD*SiL*TM 13888 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 13888 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.