

ADDSiL™ 11960 Silicone Surfactant for Rigid PU Foam

INTRODUCTION

ADDSiL™ 11960 is a non-hydrolyzable silicone copolymer surfactant designed for rigid polyurethane foam applications. It is typically added on the polyol side and provides effective foam stabilization and uniform cell structure during the foaming process.

The product is particularly suitable for hydrocarbon-blown rigid PU foam systems used in refrigeration appliances, construction insulation and pour-in-place applications.

BENEFITS

- Provides effective stabilization for rigid PU foams
- Promotes fine and uniform cell structure
- Suitable for high-water, HCFC-141b and cyclopentane systems
- Improves foam surface quality and helps reduce surface voids
- Provides good thermal insulation with low thermal conductivity

PHYSICAL PROPERTIES

Color and Appearance	Clear to pale yellow liquid
Viscosity 25°C, cSt	500-900
Density 25°C	1.05
Flash Point	>96 °C

These values are typical and are not intended for use as specifications.

APPLICATIONS

ADDSiL™ 11960 can be used in a variety of rigid polyurethane foam formulations where stable foam formation and uniform cell structure are required.

Typical applications include refrigerator and freezer insulation foams, appliance insulation materials, laminated rigid PU panels, pour-in-place insulation systems and construction insulation foams.

PACKING

ADDSiL™ 11960 is supplied in 200Kg steel drum or 1000Kg IBC tote.

STORAGE

Store in tightly closed original containers in a cool, dry and well-ventilated place. Avoid exposure to excessive heat or moisture.

When stored under recommended conditions in unopened containers, ADDSiL™ 11960 has a shelf life of 24 months from the date of manufacture.

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HANDLING

This document does not contain the product safety information required for safe use. Before handling, please refer to the product and safety data sheets, as well as container labels, for information on safe usage, physical hazards, and health risks. Safety Data Sheet is available on the website, from the distributor, or by contacting SiSiB customer service.

NOTE

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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