ADDSiL™ 16550 Cell Opener for HR Molded PU Foam

INTRODUCTION

ADDSiL™ 16550 is a non-ionic surfactant specifically developed as a high-performance cell opener for high resilience (HR) molded polyurethane foams. It exhibits strong cell-opening efficiency and works synergistically with silicone surfactants to create uniform, fine cell structures and improve foam breathability.

BENEFITS

- Strong cell-opening capability
- Promotes open-cell structure with enhanced air permeability
- Helps maintain consistent and fine foam morphology
- Excellent compatibility with silicone surfactants
- Suitable for low-density, high-resilience molded foam systems

PHYSICAL PROPERTIES

Appearance	Liquid
Color	Clear to light yellow
Acid Value (mg KOH/g)	Max.0.15
Water content (%)	Max.0.15
Hydroxy value (mg KOH/g)	26-32

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

APPLICATIONS

ADDSiL™ 16550 is recommended for use as a cell-opening agent in high-resilience molded polyurethane foam formulations. It facilitates uniform foam structure and improved airflow when used in combination with silicone-based surfactants.

PACKING

ADDSiL™ 16550 is supplied in 200Kg steel drum.

STORAGE

Store in sealed, moisture-tight containers at 15-25°C in a dry, well-ventilated area. Shelf life is 24 months under proper storage conditions. Material beyond this period may still be used after quality verification.

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,

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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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We disclaim liability for any incidental or consequential damages.