

ADDSiL™ 6020 Acrylate-Functional Silicone Leveling Agent

INTRODUCTION

ADDSiL™ 6020 is an acrylate-functional polyether-modified polysiloxane designed primarily for UV-curable coating systems.

ADDSiL™ 6020 provides strong surface tension reduction, excellent substrate wetting, and very good leveling performance. The additive also increases surface slip and improves scratch resistance while maintaining good recoatability.

Due to its optimized compatibility, ADDSiL™ 6020 can be used in a wide range of UV-curable formulations, including clear and pigmented systems.

FEATURES & BENEFITS

- Strong reduction of surface tension
- Excellent substrate wetting
- Very good leveling
- Increases surface slip
- Improves scratch and mar resistance
- Good compatibility
- Suitable for UV systems

PHYSICAL PROPERTIES

Color	Light yellow
Appearance	Clear to slightly hazy liquid
Active Content	100%

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

APPLICATIONS

ADDSiL™ 6020 is suitable for UV-curable coating and ink systems. It improves substrate wetting, leveling, and surface slip, and helps reduce surface defects such as cratering. Recommended for clear and pigmented UV formulations.

RECOMMENDED DOSAGE

Recommended dosage is typically 0.1-1.0% (as supplied) based on total formulation weight.

It can be incorporated at any stage of the production process, including post-addition. Laboratory testing is recommended to determine the optimal dosage for each formulation.

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PACKING

ADDSiL™ 6020 is supplied in 25Kg pail.

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.

STORAGE

In the original unopened packaging, ADDSiL™ 6020 has a shelf life of 24 months.

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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