

ADDSiL™ 6056 Silicone Leveling Agent

INTRODUCTION

ADDSiL® 6056 is an acryl-functional, polyether-modified polydimethylsiloxane designed as a silicone surface additive for radiation-curable systems. It provides excellent compatibility, strong leveling, soft hand-feel, and a permanent easy-to-clean effect after curing. The product is also suitable for water-based and solvent-borne coatings and inks, where it improves slip, anti-blocking, and anti-graffiti performance.

FEATURES & BENEFITS

- Permanent easy-to-clean effect after crosslinking
- Excellent surface leveling and wetting performance
- Improved slip and anti-blocking properties
- Enhanced surface smoothness and pleasant hand-feel
- Reduced cratering and improved recoatability
- Versatile use in radiation-curable, solvent-borne, water-borne systems

EFFECTS

Leveling	★★★★
Wetting	★★★★
Recoating Ability	★
Compatibility	★★★★
Slip Effect	★★★★★
Low Foaming Stability	★★
Anti-cratering	★★★★
Anti-blocking	★★★★

PHYSICAL PROPERTIES

Appearance	Light yellow clear liquid
Active Ingredient	100%

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

APPLICATIONS

ADDSiL® 6056 is recommended for use in UV-curable coatings and inks on wood, plastic, and metal substrates, as well as in water-based and solvent-borne systems requiring improved leveling, slip, and anti-blocking properties. It provides a durable easy-to-clean effect and soft-touch feel, making it suitable for clear coats, overprint varnishes, and functional coatings where long-lasting surface performance is desired.

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RECOMMENDED DOSAGE

The recommended dosage is 0.1-1.0% of the total formulations.
The above recommended levels can be used for orientation. The optimal dosage should be determined through laboratory evaluation.

ADDSiL™ 6056 can be incorporated at any stage of the production process, including post-addition.

PACKING

ADDSiL™ 6056 is available in 25Kg pails.

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

Keep in dry, cool and well-ventilated place. When stored at temperatures between 10°C and 35°C in the original unopened containers, ADDSiL™ 6056 has a shelf life of 12 months from the date of production.

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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