

ADD*SiL*™ 8310

Silicone Leveling Agent

COMPOSITION

Solution of a polyether modified polydimethylsiloxane

BENEFITS

- Reduced surface tension of coating systems.
- Improved substrate wetting.
- Avoids cratering.
- Increased surface slip and gloss.
- Thermostable, can be used for baking system.
- Good recoating and no loss in in adhesion.

TYPICAL PHYSICAL PROPERTIES

Color and Appearance	Slight yellowish clear liquid
Solvent:	Xylene
Active Ingredient	25%
Density _{25°C}	0.88~0.92g/ml
Viscosity _{25°C}	5~25s (T-4 viscometer)
Recommended Levels	0.1~0.5%

EFFECTS

Transparency in clear formulation:	★★★★★
Defoaming effect:	★★
Dynamic surface tension:	★★★
Static surface tension:	★★★
Slip effect:	★★★★★
Reduce orange peel effect:	★★

APPLICATION FIELDS

- Solvent based
- UV Curing

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ADDSiL™ 8310

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APPLICATIONS

ADDSiL™ 8310 is silicone based surface additive for solvent-borne and UV curing system. It can provide strong reduction of the surface tension of coating systems. It therefore particularly improves substrate wetting and avoids cratering. Surface slip and gloss are also increased.

ADDSiL™ 8310 is a thermostable silicone additive which, in contrast to conventional silicones, shows no thermal decomposition at high temperature.

RECOMMENDED LEVELS

The recommended dosage is 0.1~0.5% of the total formulations.

The above recommended levels can be used for orientation. Optimal levels are determined through a series of laboratory tests.

The additive can be incorporated during any stage of the production process, including post-addition.

PACKING AND STORAGE

Separation or turbidity may occur at temperatures below 5°C. Warm to 20°C and mix well.

ADDSiL™ 8310 is supplied in 20Kg / 180Kg plastic drum or steel drum or according to customer's request.

In the original unopened packaging, ADDSiL™ 8310 has a shelf life of 24 months.

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.

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