

Efka[®] SL 3230

Product description Slip and leveling agent

Key benefits

- High performing slip and leveling agent
- Excellent reduction of surface tension and crater prevention
- Improved leveling and surface smoothness
- Enhanced gloss
- Improved scratch and abrasion resistance
- Universal compatibility with water-based, solvent based and UV-curable formulations
- Excellent price-performance ratio

Chemical nature Organo-modified polysiloxane

Properties

Physical form Clear colorless liquid

Technical data

(no supply specification)

Density	at 20°C (68°F)	~ 1.05 g/cm ³
Solids content	1h at 120°C	~ 98%
Viscosity	DIN 53015 at 25°C	~ 1300 mPa·s
Color Gardner	at 20°C	≤ 1

Application

Efka® SL 3230 is a highly effective slip and leveling additive, which reduces surface tension, enhances surface smoothness and gloss. It very effectively reduces the coefficient of friction (COF) and improves scratch and abrasion resistance. Efka® SL 3230 is universal and compatible with water-based, solvent based and UV-curable formulations. It may be used in all kinds of coatings, inks and 100% systems. Efka® SL 3230 is a solvent-free organo-modified polysiloxane which also enhances substrate wetting and crater prevention.

Formulation guideline 0.05% - 1% on total formulation

Efka® SL 3230 can be added at any stage of the production process.

Storage

Efka® SL 3230 should be stored in a cool and dry place. Temperatures of <0°C may lead to partial solidification. This has no influence on the quality of the product and can be reversed by heating to 35–40°C (95–102 °F).

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Validity

This Technical Data Sheet is valid for all versions of the Efka® SL 3230.

Safety

When handling this product, please comply with the advice and information given in the safety data sheet and observe protective and workplace hygiene measures adequate for handling chemicals.

Note

The data contained in this publication are based on our current knowledge and experience. In view of the many factors that may affect processing and application of our product, these data do not relieve processors from carrying out their own investigations and tests; neither do these data imply any guarantee of certain properties, nor the suitability of the product for a specific purpose. Any descriptions, drawings, photographs, data, proportions, weights, etc. given herein may change without prior information and do not constitute the agreed contractual quality of the product. The agreed contractual quality of the product results exclusively from the statements made in the product specification. It is the responsibility of the recipient of our product to ensure that any proprietary rights and existing laws and legislation are observed.

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