

Efka[®] SL 3210

General

Slip and leveling agent

- very effective additive to increase substrate wetting, slip, surface smoothness and gloss
- good compatibility with a broad range of printing ink systems
- low sensitive to pin-holing – even at high dosage

Chemical nature

Organically modified polysiloxane

Properties

Physical form

Clear liquid

Technical data

(not supply specification)

Solid content	BASF method (1h at 120 °C)	90.0 – 100.0 %
Density	BASF method (20 °C)	1.010 – 1.030 g/cm ³
Refractive index	BASF method (20 °C)	1.446 – 1,456

Application

Efka® SL 3210 is compatible with a broad range of formulation polarities. It may be used in water-based, solvent-based and UV-curable printing inks and overprint varnishes.

Efka® SL 3210 is effective in nitrocellulose-based systems for flexographic and gravure printing as well as in UV-curable applications ranging from flexographic printing inks to clear overprint varnishes.

Recommended concentrations

0.1 – 0.3 % on total formulation

In some cases dosages above 0.3 % can be used. Appropriate levels should always be determined based on the end use of the ink or varnish. Levels are dependent on required effects but also depend on whether an ink has to be overprinted.

Efka® SL 3210 can be added at any stage during the production process. When added during dispersion, it speeds up pigment wetting.

Storage

Efka® SL 3210 should be stored in a cool dry place.

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Validity

This Technical Data Sheet is valid for all versions of the Efka® SL 3210.

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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