

Formulation Additives

Technical Data Sheet

Efka® SL 3257



Product Description Efka® SL 3257 is a non-reactive slip modifier and leveling agent for printing inks, coatings and paints.

Chemical Composition Organo-modified Polysiloxane

Properties

Typical Properties	Appearance	clear – hazy liquid
	Viscosity at 25 °C, (ISO 2555) (sp. 2 30 rpm)	~ 175 – 390 mPa s
Typical Characteristics	Density at 25 °C (ISO 2811-3)	~ 1.03 – 1.05 g/ml
	Refractive Index (ISO 6320)	~ 1.434
	Flash point (ASTM D93)	> 100° C

These typical values should not be interpreted as specifications.

Applications

Efka® SL 3257 is a solvent-free, 100% active, polyether modified polysiloxane, for use in inks, coatings and paints. Efka® SL 3257 exhibits excellent substrate wetting and reduction of surface tension of the liquid film. It is compatible with a wide range of resins and provides slip modified surfaces that are conducive to recoatability. Additionally, Efka® SL 3257 has been found to improve gloss, scratch resistance and leveling of coatings, and provides very efficient reduction of COF (coefficient of friction).

Dosage The recommended addition level lies between 0.05 % and 1% on total formulation. Ideally, Efka® SL 3257 should be added to the system during grind or as a let-down but can also be stirred in as post-add.

Safety

General The usual safety precautions when handling chemicals must be observed. These include the measures described in Federal, State, and Local health and safety regulations, thorough ventilation of the workplace, good skin care, and wearing of protective goggles.

Safety Data Sheet All safety information is provided in the Safety Data Sheet for Efka® SL 3257.

Storage

Efka® SL 3257 is subject to appropriate storage under the usual storage and temperature conditions; our products are durable for at least 2 year.

Important

While the descriptions, designs, data and information contained herein are presented in good faith and believed to be accurate, they are provided for guidance only. Because many factors may affect processing or application/use, BASF recommends that the reader make tests to determine the suitability of a product for a particular purpose prior to use. **NO WARRANTIES OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE MADE REGARDING PRODUCTS DESCRIBED OR DESIGNS, DATA OR INFORMATION SET FORTH, OR THAT THE PRODUCTS, DESCRIPTIONS, DESIGNS, DATA OR INFORMATION MAY BE USED WITHOUT INFRINGING THE INTELLECTUAL PROPERTY RIGHTS OF OTHERS.** In no case shall the descriptions, information, data or designs provided be considered a part of BASF's terms and conditions of sale. Further, the descriptions, designs, data, and information furnished by BASF hereunder are given gratis and BASF assumes no obligation or liability for the descriptions, designs, data or information given or results obtained all such being given and accepted at the reader's risk.

Efka and Perenol is a registered trademark of BASF Group.

© BASF Corporation, 2016



BASF Corporation is fully committed to the Responsible Care® initiative in the USA, Canada, and Mexico.

For more information on Responsible Care® go to:

U.S.: www.basf.us/responsiblecare_usa

Canada: www.basf.us/responsiblecare_canada

México: www.basf.us/responsiblecare_mexico

BASF Corporation
Dispersions and Pigments
11501 Steele Creek Road
Charlotte, North Carolina 28273
Phone: (800) 251 – 0612
Email: edtech_info@basf.com
www.basf.us/dpsolutions