

Efka® WE 3050



General

wetting and anti-cratering agent for solvent-borne and solvent-free systems

- highly surface active with strong reduction of dynamic surface tension
- excellent wetting of critical substrates
- no influence on surface slip
- highly defined block copolymer. Offering a high density of C₆F₁₃ fluoro-telomer groups in one polymer block
- solvent-free

chemical nature

fluoro-acrylic block copolymer

Properties

physical form

clear to turbid viscous liquid

storage

Efka® WE 3050 should be stored in tightly closed containers and in a cool place. During storage product turbidity might arise due to block copolymer structure (micelle formation).

typical properties

appearance	yellow to amber, viscous liquid
density (20°C)	~ 1.072
solid content (1h at 120°C)	~ 99%
refractive index (20°C)	~ 1.457
color Gardner (20 °C)	<= 9

Application

Efka® WE 3050 is an excellent wetting and anti-cratering agent for solvent-borne and solvent-free systems with a strong reduction of dynamic surface tension.

Efka® WE 3050 has an innovative block copolymer structure which offers a high density of C₆F₁₃ fluoro-telomer groups in one polymer block. This leads to significantly improved wetting and anti-cratering characteristics compared to conventional random fluoro copolymers.

Efka® WE 3050 is a highly effective additive in a wide variety of coatings systems, especially where silicone-free wetting agents are desired. It also provides excellent flow, surface smoothness and increased gloss.

It is exceptionally compatible with solvent-borne systems and has no influence on surface slip.

recommended concentrations

0.1 – 0.5% (as supplied) on total formulation

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Validity

This Technical Data Sheet is valid for all versions of the Efka WE 3050.

Safety

When handling these products, 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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