

BYK-381

Polyacrylate-based surface additive for aqueous coatings and adhesives to improve leveling. Improves the leveling and substrate wetting in aqueous and radiation-curable printing inks and overprint varnishes.

Product Data

Composition

Solution of a polyacrylate, ionic

Typical Properties

The values indicated in this data sheet describe typical properties and do not constitute specification limits.

Density (20 °C): 1.03 g/ml
Non-volatile matter: 52 %
Solvents: Dipropylene glycol monomethyl ether
Flash point: 75 °C

Food Contact Legal Status

For the current food contact legal status, please contact our product safety department or visit www.byk.com for further information.

Applications

Coatings and adhesives

Special Features and Benefits

The additive improves leveling and prevents surface defects such as craters and pinholes. It is recommended for all aqueous coatings and adhesives.

Recommended Levels

0.1-1 % additive (as supplied) based on the total formulation.

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

Incorporation and Processing Instructions

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

Printing Inks and Overprint Varnishes

Special Features and Benefits

The additive improves leveling and substrate wetting and prevents surface defects such as craters and pinholes. It is recommended for aqueous and radiation-curable printing inks and overprint varnishes.

Recommended Levels

0.1-1 % additive (as supplied) based on the total formulation.

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

Incorporation and Processing Instructions

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



Additive Guide



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This information is given to the best of our knowledge. Because of the multitude of formulations, production, and application conditions, all the above-mentioned statements have to be adjusted to the circumstances of the processor. No liabilities, including those for patent rights, can be derived from this fact for individual cases.

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