

BYK-1758

Silicone- and aromatic-free defoamer based on polyacrylate for solvent-borne printing inks, in particular flexographic and gravure printing inks.

Product Data

Composition

Solution of foam-destroying polymers, silicone- and mineral oil-free

Typical Properties

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

Density (20 °C):	0.94 g/ml
Solvents:	Ethyl acetate
Non-volatile matter (10 min., 150 °C):	52 %
Flash point:	-4 °C

Aromatic-free
Silicone-free
Mineral oil-free

Applications

Printing Inks

Special Features and Benefits

BYK-1758 is an effective silicone-free defoamer that is preferably recommended for solvent-borne flexographic- and gravure inks. It prevents the formation of foam and bubbling during processing. The defoaming effect is achieved even at a low dosage. The additive displays a spontaneous foam-destroying effect and does not reduce the intercoat adhesion when overprinting and laminating. Furthermore, BYK-1758 improves leveling.

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

BYK-1758 can be added at any time during the production process. Sufficiently high shear forces must be applied to ensure good distribution of the defoamer and to prevent surface defects.



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This issue replaces all previous versions.