

BYK-1759

Silicone-free, polymer-based defoamer for solvent-borne printing inks, particularly flexographic and gravure printing inks as well as laminating adhesives.

Product Data

Composition

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

Aromatic-free
Silicone-free

Typical Properties

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

Density (20 °C):	0.99 g/ml
Non-volatile matter (10 min., 150 °C):	52 %
Solvents:	Ethyl acetate
Flash point:	-4 °C

Applications

Printing Inks

Special Features and Benefits

BYK-1759 is an effective, silicone-free defoamer and is particularly recommended for solvent-borne flexographic and gravure printing inks. The defoaming effect is achieved even at a low dosage. Adding BYK-1759 can positively impact leveling, especially in laminating adhesives. The additive displays a spontaneous foam-destroying effect and does not reduce the intercoat adhesion when overprinting or laminating.

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-1759 can be incorporated during any stage of the manufacturing process.
Ensure sufficient shear forces to avoid surface defects.



BYK-Chemie GmbH
P.O. Box 10 02 45
46462 Wesel
Germany
Tel +49 281 670-0
Fax +49 281 65735

info@byk.com
www.byk.com

ADD-MAX®, ADD-VANCE®, ADJUST®, ADVITROL®, ANTI-TERRA®, AQUACER®, AQUAMAT®, AQUATIX®, BENTOLITE®, BYK®, BYK®-DYNWET®, BYK®-MAX®, BYK®-SILCLEAN®, BYKANOL®, BYKETOL®, BYKJET®, BYKO2BLOCK®, BYKOPLAST®, BYKUMEN®, CARBOBYK®, CERACOL®, CERAFAC®, CERAFLOUR®, CERAMAT®, CERATIX®, CLAYTONE®, CLOISITE®, DISPERBYK®, DISPERPLAST®, FULACOLOR®, FULCAT®, GARAMITE®, GELWHITE®, HORDAMER®, LACTIMON®, LAPONITE®, MINERAL COLLOID®, MINERPOL®, NANOBYK®, OPTIBENT®, OPTIFLO®, OPTIGEL®, POLYAD®, PRIEX®, PURE THIX®, RECYCLOBLEND®, RECYCLOBYK®, RECYCLOSSORB®, RECYCLOSTAB®, RHEOBYK®, RHEOCIN®, RHEOTIX®, SCONA®, SILBYK®, TIXOGEL®, VISCOBYK® and Y 25® are registered trademarks of the BYK group.

The information herein is based on our present knowledge and experience. The information merely describes the properties of our products but no guarantee of properties in the legal sense shall be implied. We recommend testing our products as to their suitability for your envisaged purpose prior to use. No warranties of any kind, either express or implied, including warranties of merchantability or fitness for a particular purpose, are made regarding any products mentioned herein and data or information set forth, or that such products, data or information may be used without infringing intellectual property rights of third parties. We reserve the right to make any changes according to technological progress or further developments.

This issue replaces all previous versions.