

BYK-1754

Polymer-based, silicone- and aromatic-free defoamer for solvent-borne printing inks and overprint varnishes.

Product data

Composition

Solution of polyolefins

Aromatic-free
MOSH-/MOAH-free

Typical properties

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

Density (20 °C): 0.80 g/ml
 Non-volatile matter (10 min, 150 °C): 20 %
 Solvents: dearomatized hydrocarbons
 Flash point: 37 °C

Storage and transportation

To be stored and transported between 0 °C and 50 °C.

Special note

BYK-1754 is the replacement product for BYK-1751.

Applications

Printing inks

Special features and benefits

BYK-1754 prevents foam formation in solvent-borne printing ink systems during production and filling. It also prevents air entrapment during processing. The additive displays a spontaneous foam-destroying effect and does not reduce the intercoat adhesion when recoating. Furthermore, BYK-1754 improves leveling.

Recommended use

Printing inks	■
Overprint varnishes	■

■ especially recommended □ recommended

Recommended levels

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

The above recommended levels can be used for orientation. The optimum dosage should be determined by application-related test series.

Incorporation and processing instructions

To achieve optimal defoaming, the additive should be added as early as the millbase stage. If incorporating at a later stage, sufficiently high shear forces must be applied to ensure a good distribution and to prevent cratering.



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