

# BYK-1755

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): 0.77 g/ml  
 Non-volatile matter (10 min, 150 °C): 20 %  
 Solvents: dearomatized hydrocarbons  
 Flash point: 42 °C

### Storage and transportation

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

### Special note

BYK-1755 is the replacement product for BYK-1752.

## Applications

### Printing inks

#### Special features and benefits

BYK-1755 prevents foam formation in solvent-borne printing ink systems during production and filling. It prevents air entrapment during processing. The additive displays a spontaneous foam-destroying effect and does not reduce the intercoat adhesion when recoating.

#### Recommended use

|                     |   |
|---------------------|---|
| Printing inks       | ■ |
| Overprint varnishes | ■ |

■ especially recommended    □ recommended

**Recommended levels**

0.05–0.5 % 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 defoamer 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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