

## BYK-016

VOC-free, polymer-based defoamer for aqueous coatings, adhesives, printing inks, overprint varnishes, as well as the underwater pelletizing of thermoplastics.

### Product data

#### Composition

Compound of foam-destroying polymers and hydrophobic solids

**VOC-free (< 1500 ppm)**  
**APEO-free**

#### Typical properties

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

Density (20 °C): 1.00 g/ml

#### Storage and transportation

Separation may occur. Mix well before use.

### Applications

#### Printing inks

##### Special features and benefits

BYK-016 is a very effective mineral oil-free defoamer for aqueous printing inks, overprint varnishes and inkjet printing inks. It has no negative influence on the runnability and does not cause any defects in the print image.

##### Recommended levels

1–2 % additive (as supplied) based upon 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

The additive can be added at any time during production. Sufficiently high shear forces must be applied.

#### Coatings industry

##### Special features and benefits

BYK-016 is a very effective mineral oil-free defoamer for aqueous coating systems and is particularly recommended for can and coil coatings.

**Recommended levels**

1–2 % additive (as supplied) based upon 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**

The additive can be added at any time during production. Sufficiently high shear forces must be applied.

**Adhesives and sealants****Special features and benefits**

BYK-016 is a very effective mineral oil-free defoamer for aqueous adhesives. It can be very easily incorporated and displays a good compatibility in sensitive systems. In aqueous cold seal adhesives for flexible food packaging, BYK-016 prevents foam very efficiently.

**Recommended levels**

0.1–1 % additive (as supplied) based upon 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**

The additive can be added at any time during production. Sufficiently high shear forces must be applied.

**Thermoplastics****Special features and benefits**

BYK-016 is recommended for use as a defoamer for the underwater pelletizing of thermoplastics.

**Recommended levels**

0.05–0.1 % additive (as supplied) in the circulation water.

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

**Incorporation and processing instructions**

The additive is added directly into the circulation water.



Your local  
contact

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This issue replaces all previous versions.