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

BYK-Chemie GmbH
Abelstraße 45
46483 Wesel
Germany
Tel +49 281 670-0
Fax +49 281 65735

info@byk.com
www.byk.com