

BYK-1679

Silicone defoamer for aqueous systems.

Product data

Composition

Aqueous emulsion of polysiloxanes

Typical properties

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

pH value: 7
 Non-volatile matter (60 min, 125 °C): 17 %

Storage and transportation

Temperature sensitive. To be stored and transported between 5 °C and 35 °C. Mix well before use.



Applications


Home Care and I&I

Special features and benefits

BYK-1679 is a universally applicable, very effective defoamer for aqueous cleaning and care products. It is very pH stable and therefore optimal for acidic, neutral, and alkaline formulations. It can be used to control foam during the production of cleaning and care products in order to make processes such as filling and pumping more efficient. BYK-1679 is also highly suitable for defoaming after application of the products.

Recommended use

Floor care products	
Cleaning agents	

 especially 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

BYK-1679 can be easily incorporated with constant stirring. Due to its incompatibility, sufficient shear force (creation of a vortex) must be ensured.

Note

BYK-1679 works well in combination with surface-active additives such as silicone surfactants to prevent foam during application. The additive is preferably added at the beginning of the formulation, but it can also be used at any stage of production.



**Your local
contact**

BYK-Chemie GmbH

Abelstraße 45
46483 Wesel
Germany
Tel +49 281 670-0
info@byk.com
www.byk.com



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