

# BYK-1679

Silicone defoamer for aqueous systems.

## Product Data

### Composition

Non-ionic, aqueous silicone emulsion

### Typical Properties

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

Non-volatile matter (1 h, 257 °F): 17 %

pH value: 6

### Food Contact Legal Status

For the current food contact legal status, please contact our product safety department or visit [www.byk.com](http://www.byk.com) for further information.

### Special Note

To be stored and transported at a temperature above 5 °C (41 °F). Mix well before use.

## Applications

### Adhesives

#### Special Features and Benefits

BYK-1679 is a very easy to incorporate defoamer for aqueous adhesive systems. The additive is extremely well suited to being incorporated without high shear forces in very low viscosity systems. It is particularly suitable for defoaming primary PE emulsions (e.g. HORDAMER types). BYK-1679 is a suitable defoamer for use in the cooling water circuit when performing the underwater granulation of hot melt adhesives where HORDAMER is being used as an anti-blocking additive.

#### Recommended Levels

0.1-0.81% additive (as supplied) based on the total formulation or on the quantity of cooling water.

The above recommended levels can be used for orientation. Optimal levels are determined through a series of laboratory tests.

#### Incorporation and Processing Instructions

The additive can be added at any point during production. For the underwater granulation, the additive is added directly into the cooling water.

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Additive Guide



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