

# BYK-W 996

Wetting and dispersing additive for filled, unsaturated polyester systems and epoxy systems.

## Product Data

### Composition

Solution of a copolymer with acidic groups

### Typical Properties

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

Acid value:	71 mg KOH/g
Density (20 °C):	1.04 g/ml
Refractive index (20 °C):	1.462
Water content:	0.13 %
Non-volatile matter (10 min., 150 °C):	52 %
Flash point:	> 40 °C

### 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.

### Storage and Transportation

Separation and turbidity may occur. Mix well before use. Warm to 30-40°C and mix well.

## Applications

### SMC, BMC, Pultrusion

### Special Features and Benefits

Universal and cost-effective wetting and dispersing additive for virtually all closed mold applications. Very effective in highly ATH-filled systems. The product can be combined with BYK-W 9010 (1:1) if high additive quantities are required.

### Recommended Use

LP and Class A formulations	<input checked="" type="checkbox"/>
LS formulations	<input checked="" type="checkbox"/>
Epoxy systems	<input checked="" type="checkbox"/>
Pultrusion	<input checked="" type="checkbox"/>
Viscosity stabilization BMC	<input checked="" type="checkbox"/>

especially recommended     recommended

### Recommended Levels

1-2 % additive (as supplied) based upon fillers for wetting and dispersion.

0.5-2 % additive (as supplied) based upon the resin for stabilizing the viscosity in BMC.

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

### Incorporation and Processing Instructions

BYK-W 996 should be added to the resin mixture prior to homogenization and the addition of the fillers.

### Adhesives & Sealants

#### Special Features and Benefits

Universal and cost-effective wetting and dispersing additive for adhesive and sealant applications.

Very effective in highly ATH-filled systems. The additive improves the wetting and dispersion of mineral fillers.

This achieves a lower viscosity and enables higher filler loading. The product can be combined with BYK-W 9010 (1:1) if high additive quantities are required.

#### Recommended Use

The additive is particularly recommended for adhesives based on epoxy resins.

#### Recommended Levels

1-2 % additive (as supplied) based on the filler.

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

### Incorporation and Processing Instructions

For optimum performance, the additive should be added before the solids.



Additive Guide



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