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 (68 °F):	8.68 lbs/US gal
Refractive index (68 °F):	1.462
Water content:	0.13 %
Non-volatile matter (10 min., 302 °F):	52 %
Flash point:	> 104 °F

Food Contact Legal Status
For the current food contact legal status, please contact our product safety department or visit www.byk.com for further information.

Storage and Transportation
Separation and turbidity may occur. Mix well before use. Warm to 30-40 °C (86-104 °F) 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	■
LS formulations	■
Epoxy systems	■
Pultrusion	■
Viscosity stabilization BMC	■

■ especially 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.

BYK USA Inc.
524 South Cherry Street
P.O. Box 5670
Wallingford, CT 06492
USA
Tel 203 265-2086
Fax 203 284-9158

cs.usa@byk.com
www.byk.com