

BYK-W 996 SG

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.

Density (20 °C):	1.04 g/ml
Non-volatile matter (10 min, 150 °C):	52 %
Water content:	0.10 %
Flash point:	> 40 °C
Refractive index (20 °C):	1.462
Acid value:	71 mg KOH/g

Storage and transportation

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

Applications

Thermosets

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

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. The optimum dosage should be determined by application-related test series.

Incorporation and processing instructions

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

Adhesives and 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. The optimum dosage should be determined by application-related test series.

Incorporation and processing instructions

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



Your local
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This issue replaces all previous versions.