

BYK-W 9012

Solvent-free wetting and dispersing additive for closed mold applications to reduce the viscosity and to improve the homogeneity of ATH-filled compounds.

Product Data

Composition

Copolymer with acidic groups

Solvent-free

Typical Properties

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

Acid value: 308 mg KOH/g

Density (20 °C): 1.26 g/ml

Flash point: > 105 °C

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 and mix well.

Applications

Closed Mold

Special Features and Benefits

BYK-W 9012 improves the wetting and dispersing of ATH (aluminum trihydroxide). The additive reduces the compound viscosity which makes it possible to have a higher filler content in the resin. The better wetting and dispersing of the fillers also leads to increased homogeneity of the compound and also improved batch reproducibility.

Recommended Use

Low emission SMC/BMC	■
LS formulations	■
Epoxy systems	■
Pultrusion	■

■ Particularly recommended

Recommended Levels

0.5-1 % additive (as supplied) based upon the ATH content.

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

Incorporation and Processing Instructions

The wetting and dispersing additive should be added to the resin mixture before homogenization and the addition of the filler or pigment.



Additive Guide



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