

# BYK-W 9010

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

## Product Data

### Composition

Copolymer with acidic groups.

### Typical Properties

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

Acid value:	129 mg KOH/g
Density (20 °C):	1.16 g/ml
Refractive index (20 °C):	1.469
Water content:	0.02%
Active substance:	100%

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

## Applications

### SMC, BMC, Pultrusion

### Special Features and Benefits

Solvent-free wetting and dispersing additive (100% active substance) to wet inorganic fillers (and inorganic pigments) in systems in which solvents need to be avoided.

### Recommended Use

Low emission SMC/BMC	<b>X</b>
LP and Class A formulations	<b>X</b>
LS formulations	<b>X</b>
Epoxy systems	<b>Y</b>
Pultrusion	<b>X</b>
Viscosity stabilization BMC	<b>X</b>

**X** especially recommended **Y** recommended

### Recommended Levels

0.5-1% additive (as supplied) based upon fillers for wetting and dispersion.

0.25-1% additive (as supplied) based upon 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 9010 should be added to the resin mixture prior to homogenization and the addition of the fillers/pigments.

### **Adhesives & Sealants**

#### **Special Features and Benefits**

Solvent-free wetting and dispersing additive (100% active substance) to wet inorganic fillers (and inorganic pigments) in systems in which solvents need to be avoided.

#### **Recommended Use**

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

#### **Recommended Levels**

0.5-1% 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.

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Issue 07/2015