

## BYK-W 907

Wetting and dispersing additive for highly filled UP resin systems to improve filler wetting and to increase the filler load, especially for engineered stone.

### Product Data

#### Composition

Solution of a copolymer with filler-affinic groups

#### Typical Properties

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

Amine value:	16 mg KOH/g
Acid value:	16 mg KOH/g
Density (20 °C):	0.99 g/ml
Non-volatile matter (60 min., 105 °C):	52 %

#### Storage and Transportation

Separation or turbidity may occur during storage or transportation at temperatures below 25 °C. Warm to 30-40 °C and mix well before processing.

### Applications

#### Thermosets

##### Special Features and Benefits

BYK-W 907 has been specially developed for systems filled with a very high amount of quartz based on unsaturated polyester resins (engineered stone). The additive improves the wetting of the filler and allows the already high filler load to be increased further, thereby reducing the total costs of the formulation. The reduction in resin content is 5-10 % depending on the formulation. The mechanical properties, especially the flexural strength, remain unaffected.

##### Recommended Use

Add to the mixture of liquid components (resin, peroxide, accelerator, etc.).

##### Recommended Levels

0.25-0.5 % additive (as supplied) based on liquid components.

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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This issue replaces all previous versions – Printed in Germany