

# BYK-P 9920

Additive for improving the fiber wetting in composites.

## Product Data

### Composition

Mixture of oligomeric substances with wetting agents

### Typical Properties

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

Density (20 °C): 0.89 g/ml  
Epoxy equivalent weight: 250-320 g/eq %  
Non-volatile matter (10 min., 150 °C): > 90 %

### 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

To be stored and transported between 5 °C and 40 °C. Separation or turbidity may occur when stored and transported below 5 °C. Warm to 20 °C and mix well.

## Applications

### Ambient curing resin systems

#### Special Features and Benefits

BYK-P 9920 was specially developed for use in fiber-reinforced plastics. The additive improves the wetting of glass or carbon fibers which results in less air entrapment and porosity. The additive avoids dry spots and reduces the scrap rate. Because of the high content of non-volatile matter, it is particularly suitable for closed mold processes. The epoxy-functional groups contained in the additive enable embedding into the matrix.

#### Recommended Levels

0.5-3 % additive (as supplied) based on the total formulation.

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

#### Incorporation and Processing Instructions

The additive can be added at any time.



Additive Guide



**BYK-Chemie GmbH**  
P.O. Box 10 02 45  
46462 Wesel  
Germany  
Tel +49 281 670-0  
Fax +49 281 65735

**info@byk.com**  
**www.byk.com**

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