

BYK-P 9920

Additive for improving fiber wetting in fiber-reinforced 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 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

ACTAL®, ADD-MAX®, ADD-VANCE®, ADJUST®, ADVITROL®, ANTI-TERRA®, AQUACER®, AQUAMAT®, AQUATIX®, BENTOLITE®, BYK®, BYK®-DYNWET®, BYK®-MAX®, BYK®-SILCLEAN®, BYKANOL®, BYKETOL®, BYKJET®, BYKO2BLOCK®, BYKOPLAST®, BYKUMEN®, CARBOBYK®, CERACOL®, CERAFAK®, CERAFLOUR®, CERAMAT®, CERATIX®, CLAYTONE®, CLOÍSITE®, DISPERBYK®, DISPERPLAST®, FULACOLOR®, FULCAT®, GARAMITÉ®, GELWHITE®, HORDAMER®, LACTIMON®, LAPONITE®, MINERAL COLLOID®, MINERPOL®, NANOBYK®, OPTIBENT®, OPTIFLO®, OPTIGEL®, PAPERBYK®, PERMONT®, POLYAD®, PRIEX®, PURE THIX®, RECYCLOBLEND®, RECYCLOBYK®, RECYCLOSSORB®, RECYCLOSTAB®, RHEOBYK®, RHEOCIN®, RHEOTIX®, SCONA®, SILBYK®, TIXOGEL®, VISCOBYK® and Y 25® are registered trademarks of the BYK group.

The information herein is based on our present knowledge and experience. The information merely describes the properties of our products but no guarantee of properties in the legal sense shall be implied. We recommend testing our products as to their suitability for your envisaged purpose prior to use. No warranties of any kind, either express or implied, including warranties of merchantability or fitness for a particular purpose, are made regarding any products mentioned herein and data or information set forth, or that such products, data or information may be used without infringing intellectual property rights of third parties. We reserve the right to make any changes according to technological progress or further developments.

This issue replaces all previous versions – Printed in Germany