

# BYK-P 9902

Processing additive to improve the compatibility of polyol blends in polyurethane foam applications.

## Product Data

### Composition

Lösung eines Alkylolammoniumsalzes eines niedermolekularen Polycarbonsäurepolymers

### Typical Properties

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

Density (20 °C): 1.08 g/ml

Refraction index: 1.425

Viscosity (25 °C): 200 mPa·s

### 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 during storage or transportation at temperatures below 10 °C. Warm to 20 °C and mix well. Product efficiency is not influenced.

### Special Note

The product contains 50 weight percent water as a solvent. The quantity of water in the formulation needs to be adjusted depending on the dose.

## Applications

### PU flexible foams

#### Special Features and Benefits

BYK-P 9902 is an additive for improving the compatibility of polyol blends in PU flexible foam applications. It improves the emulsification of standard polyether polyols with a high propylene oxide content and polyether polyols with a high proportion of ethylene oxide. It enables improved homogeneity of the physical properties over the block cross-section. In addition, it prevents optical defects such as clouding, shadows or streaks, particularly in pigmented foams with a high EO polyol content.

## Recommended Levels

0.2-0.8 % additive (as supplied) based on the polyol.

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

## Incorporation and Processing Instructions

The additive can be premixed with the standard polyol or added separately via a dedicated pipeline in the mixing head.



Additive Guide



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This issue replaces all previous versions – Printed in Germany