

BYK-P 9909

Processing additive/compatibilizer for polyurethane systems to prevent phase separation of polyol blends in storage tanks. Using this twin amphiphilic polymeric emulsifier saves a work stage at the construction site. It increases process reliability and reduces application time on site.

Product Data

Composition

Solution of an ammonium salt of an acrylic acid copolymer

Typical Properties

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

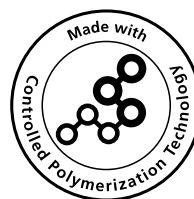
Hydroxyl number:	170 mg KOH/g
Acid value:	37 mg KOH/g
Density (20 °C):	1.04 g/ml
Refractive index (20 °C):	1.477
Flash point:	79 °C

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

Separation or turbidity may occur at temperatures below 10 °C.



Applications

Ambient curing resin systems

Special Features and Benefits

BYK-P 9909 promotes the compatibility of polyol blends that have a tendency to phase separate and that are used to produce special polyurethane foams or CASE applications. The additive stabilizes the emulsion and therefore facilitates the handling of polyol blends. The reactive mixture and the final product are more homogenous. The easier and faster handling results in lower processing cost with better process control. The costs for packaging and complaint handling are reduced.

Recommended Use

Polyester	<input type="checkbox"/>
Polyether	<input checked="" type="checkbox"/>
Hydrophilic glycols	<input checked="" type="checkbox"/>

☒ especially recommended ☐ recommended

Recommended Levels

0.2-3 % 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 should be incorporated into the polyol before the incompatible components are added.



Additive Guide

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This issue replaces all previous versions – Printed in Germany