

# BYK-P 9051

Low-viscosity processing additive for BMC/DMC with mold release properties.

## Product Data

### Composition

Combination of surface-active substances and polymers

### Typical Properties

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

Acid value:	157 mg KOH/g
Density (68 °F):	8.10 lbs/US gal
Refractive index (68 °F):	1.487
Non-volatile matter (10 min., 302 °F):	99 %
Flash point:	> 212 °F

### 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.

## Applications

### BMC, DMC

#### Special Features and Benefits

BYK-P 9051 is a processing additive with mold release properties to improve the processing of BMC/DMC. The additive does not cause fogging. In BMC headlamp reflectors it reduces fogging in the finished part. Due to its low viscosity, the additive is easier to process than BYK-P 9050. BYK-P 9051 is recommended only for BMC/DMC. It may be necessary to adjust the injection parameters.

#### Recommended Levels

3-4 % additive (as supplied) based on the total resin.

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

#### Incorporation and Processing Instructions

Add to the UP resin while stirring. Traditional release agents should be removed from the formulation.

## BYK-P 9051

Data Sheet  
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Additive Guide



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