

BYK-P 9060

Processing additive for low-shrink SMC and BMC 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:	97 mg KOH/g
Density (20 °C):	0.97 g/ml
Refractive index (20 °C):	1.473
Non-volatile matter (10 min., 150 °C):	> 96 %
Flash point:	> 100 °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.

Applications

SMC, BMC

Special Features and Benefits

BYK-P 9060 is a processing additive with mold release properties for low-shrink SMC and BMC. It stabilizes the compound and improves its flow behavior, which in turn increases the surface quality of the finished part. The additive also further improves shrinkage compensation, color strength, color homogeneity, and reduces emissions at higher temperatures.

Recommended Use

SMC (LS)	<input checked="" type="checkbox"/>
BMC/DMC	<input type="checkbox"/>

☒ especially recommended ☐ recommended

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

Incorporate whilst stirring after the UP resin and LS components have become homogenized. Traditional release agents should be removed from the formulation. The additive influences thickening. An additional dosage of 10 % MgO may be required to achieve a thickening that is comparable to Zn/Ca-stearate systems.



Additive Guide



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