

BYK-S 732

Solvent-free air release additive with wetting properties for ambient curing epoxide and polyurethane systems.

Product Data

Composition

Polyether-modified methyl alkyl polysiloxane copolymer

Typical Properties

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

Density (68 °F): 7.76 lbs/US gal

Refractive index (68 °F): 1.448

Flash point: > 149 °F

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

Ambient Curing Plastic Systems

Special Features and Benefits

The air release additive prevents air entrapment and porosity in reinforced/filled ambient curing epoxide and polyurethane resins. The additive reduces surface tension, which improves wetting of reinforcement materials such as glass fibers, carbon fibers and silica sand.

Recommended Levels

0.1-1 % additive (as supplied) based upon total formulation.

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

Incorporation and Processing Instructions

The air release additive must be homogeneously stirred into the resin prior to addition of the hardener. In filled systems it is recommended to add the additive prior to the fillers to immediately remove the air that is stirred in during production.

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Data Sheet
Issue 03/2013

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This issue replaces all previous versions – Printed in the USA