

BYK-S 750 N

Styrene emission suppressant for DCPD-containing unsaturated polyester resins and isophthalic and vinyl ester resins. The interlaminar adhesion of polyester resin laminates is not affected.

Product Data

Composition

Combination of waxes with polar components

Typical Properties

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

Density (40 °C): 0.85 g/ml

Flash point: > 100 °C

Supplied as: Paste

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

Temperature sensitive. To be stored and transported between 20 °C and 50 °C. Separation or turbidity may occur during storage and transportation. Mix well before use.

Applications

Ambient curing resin systems

Special Features and Benefits

BYK-S 750 N has been specifically developed as an emission reducer for use in DCPD-containing resins in which BYK-S 740 is too soluble to create a surface film. BYK-S 750 N reduces the emission without any adverse effect on the interlaminar adhesion and also works very well in isophthalic resins and vinyl ester resins.

Recommended Levels

0.3-1 % 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

BYK-S 750 N must be stirred well before incorporating to ensure the homogeneity of the product. BYK-S 750 N should be added to the resin whilst stirring before adding other formulation components. To ensure that the optimum crystal structure of BYK-S 750 N is not affected, the product must not be melted.

Special Note

In non-thixotropic resins, BYK-S 750 N tends to flocculate and floats to the resin surface during storage. In the case of separation, the resin must be stirred before processing.



Additive Guide



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