

BYK-8020

Silicone resin-based foam stabilizer for mechanically foamable PVC plastisols.

Product Data

Composition

Silicone resin dissolved in dioctyl adipate

Typical Properties

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

Density (68 °F): 8.64 lbs/US gal

Refractive index (68 °F): 1.435

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

PVC Plastisols

Special Features and Benefits

The additive stabilizes the foam in mechanically foamable PVC plastisols and is particularly characterized by the formation of a fine, homogeneous and open-celled foam structure. This makes it possible to achieve a very good resistance to compression set. Compared to soap-based foam stabilizers, by using BYK-8020 it is possible to achieve a drier touch and a reduced water uptake of the gelled PVC plastisol.

Recommended Levels

1-4 phr additive (as supplied) based on the PVC resin.

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

Incorporation and Processing Instructions

The foam stabilizer should be post-added to the finished PVC plastisol whilst stirring slowly. It can also be injected directly into the mixing head of the mechanical foam mixer.

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Data Sheet
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Additive Guide



BYK USA Inc.
524 South Cherry Street
P.O. Box 5670
Wallingford, CT 06492
USA
Tel 203 265-2086
Fax 203 284-9158

cs.usa@byk.com
www.byk.com/additives

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