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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Additive Guide

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