

# 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 (20 °C): 1.04 g/ml

Refractive index (20 °C): 1,435

### Food Contact Legal Status

For the current food contact legal status, please contact our product safety department or visit [www.byk.com](http://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.



Additive Guide



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