

# BYK-MAX HS 4311

Granulated long-term thermal stabilizer for use in polypropylene compounds.

## Product Data

### Composition

Additive formulation

### Typical Properties

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

Active substance: 100 %

Supplied as: Polyamidrod-shaped granules

### 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.

### Storage and Transportation

Store in a cool, dry and well-ventilated location.

## Applications

### Thermoplastics

#### Special Features and Benefits

BYK-MAX HS 4311 stabilizes the mechanical properties of polypropylene compounds. The product enhances the processing and the mechanical properties of the polymer. It is intended to be used for long-term polypropylene applications at high temperatures. BYK-MAX HS 4311 is a single formulation that contains all of the components necessary for thermal stabilization. This formulation is available in the form of a granulate that can be dosed, and low-dust pellets, which enables ease of addition and a healthier work environment for the employee.

BYK-MAX HS 4311 also offers the following benefits:

- The dosable form is free-flowing and doesn't bridge in processing equipment.
- Provides for a more uniform distribution of the additive in the polymer.
- Available in pellet or granulate form.

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Data Sheet  
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## Recommended Use

Automotive applications	<input checked="" type="checkbox"/>
Electrical applications	<input checked="" type="checkbox"/>

especially recommended     recommended

## Recommended Levels

0.3 % to 1.0 % depending on the application.

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

## Incorporation and Processing Instructions

BYK-MAX HS 4311 is easily dispersed into the polypropylene by using conventional extrusion compounding techniques.



Additive Guide



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