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 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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Recommended Use

Automotive applications	■
Electrical applications	■

■ 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.

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