

BYK-MAX LS 4125

Granulated UV stabilizer for the use in polyolefins to improve the long-term UV stability with low blooming.

Product Data

Composition

Additive formulation

Typical Properties

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

Bulk density: 500-600 kg/m³
 Active substance: 50 %
 Supplied as: White-gray to light-green granulate

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 LS 4125 offers outstanding UV stability for thick-film PP and PE products and for products with proportionally large surfaces such as films, fibers, and tapes. The synergistic blend of highly concentrated HALS not only inhibits the light-induced decomposition of the material, but also acts as a radical scavenger, peroxide decomposer, and reaction inhibitor. BYK-MAX LS 4125 has long-lasting UV protection. BYK-MAX LS 4125 is dust-free and safe and easy to handle.

Recommended Use

Bumpers	■
Vehicle interior and exterior parts	■
Films	■
Profiles	■
Tapes	■
Ropes	■
Carpets	■
Non-woven materials	■
Injection-molded items for outside applications, e.g. garden furniture	■

■ especially recommended □ recommended

Recommended Levels

0.5-2.0 % additive (as supplied) based upon the total formulation.

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

Incorporation and Processing Instructions

The additive can be added via volumetric or gravimetric dosing units during processing in tape/film extruders, spinning machines, and injection molding machines.

Special Note

The product is suitable for processing at temperatures up to 290 °C.



Additive Guide



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