

BYK-MAX AF 4160

Granulated antifogging agent for the use in polyolefins to increase the surface tension and transparency of films.

Product Data

Composition

Additive concentrate

Typical Properties

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

Bulk density: 430-560 kg/m³
MFR (190 °C/10 kg): 27 g/10 min
Active substance: 25 %
Supplied as: weißes bis gelbliches Granulat

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 AF 4160 contains an efficient, long lasting antifogging additive. The product reduces the formation of water droplets on plastic surfaces and as a result improve the transparency of the film enabling better growth of crops. BYK-MAX AF 4160 delivers long-term antifog performance with an estimated service life of 2 to 3 years. The product consists of non-sticking granules and is safe and easy to handle. BYK-MAX AF 4160 is dust free, has an inherent low toxicity and no environmental impact.

Recommended Use

Extruded (L)LDPE films and sheets and agricultural films that require long term antifogging performance.

Recommended Levels

9 % 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.

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Incorporation and Processing Instructions

The additive can be added via volumetric or gravimetric dosing units during processing in all extruders, blow molding and injection molding machines.

Special Note

Agricultural films should also contain sufficient UV stabilization to achieve the targeted service life. UV stabilization is not included in this antifog concentrate.



Additive Guide



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