

BYK-MAX STARTSTOP 4205

Granulated processing aid for the use in HDPE and PP to stabilize thermoplastic compounds in the extruder during idleness.

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: 540-650 kg/m³

Supplied as: White to off-white 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. Protect from moisture.

Applications

Thermoplastics

Special Features and Benefits

BYK-MAX STARTSTOP 4205 is a ready-to-use, synergistic blend of process and heat stabilizers. By decomposing reactive peroxides, these stabilizers protect the polymer from decomposition at high temperatures. This prevents "black spots" forming during the shut-down and start-up phases of extrusion machines. The product is processed in the same way as common thermoplastic granulates, thereby the processing conditions and temperatures need not be adjusted. BYK-MAX STARTSTOP 4205 consists of non-adhesive granulates, and is dust-free and safe and easy to handle. It does not damage the screw, barrel or die of the machine even with repeated use.

Recommended Use

Stabilization of PP/PE in the extruder during the shut-down phase	■
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Recommended Levels

20 % or more additive (as supplied) based up on 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. Mix 20 % BYK-MAX STARTSTOP 4205 with thermoplastic polymer granulate. Fill the extruder with this mixture until it is at least half full. This mixture should remain in the extruder from shut-down to the next operation.

Special Note

The product is suitable for processing at temperatures up to 300 °C.



Additive Guide



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