

BYK-MAX SA 4190

Slip agent formulation for use in multiple polyolefin (PO) compositions to reduce the surface friction.

Product data

Composition

Modified fatty acid

Typical properties

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

Active substance:	100 %
Color:	off-white
Delivery form:	pellet

Storage and transportation

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

Applications

Thermoplastics

Special features and benefits

BYK-MAX SA 4190 is a synergistic additive formulation that increases slip and thereby provides anti-blocking properties. It reduces friction between materials, such as polymers and metals, and improves slip performance in a broad range of plastics applications, even at low dosages. BYK-MAX SA 4190 provides excellent organoleptic properties, good printability, and is non-toxic and non-corrosive. In injection molding processes, the additive can additionally improve mold release. The product can be used in a variety of polyolefin compositions, such as (L)LDPE, HDPE, PP, TPO. BYK-MAX SA 4190 is manufactured with a tight concentration specification for reliable performance. The additive is safe and easy to handle.

Recommended use

Extrusion and blow molding parts	<input checked="" type="checkbox"/>
Injection and compression molding parts	<input checked="" type="checkbox"/>
Thick films and sheets	<input checked="" type="checkbox"/>
Thin films	<input checked="" type="checkbox"/>

especially recommended recommended

Recommended levels

0.3–1 % additive (as supplied) based on the total formulation.

The above recommended levels can be used for orientation. The optimum dosage should be determined by application-related test series.

Incorporation and processing instructions

BYK-MAX SA 4190 can be added via volumetric or gravimetric dosing units during processing in all types of extruders, blow molding, and injection molding machines.



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