

Technical Information

ACCUREL® GA 301

ACCUREL® GA 301 is a mixture of vegetable-based glycerol monostearate with > 90 % monoglyceride content and low-density polyethylene (LDPE) with a high melt flow rate (MFI)

Physical Properties

Melt temperature	approx. 107 °C
Bulk density	450 – 600 kg/m ³
Colour	Off-white
Delivery form	Pellets
Additive content	50 (± 2) wt%

Application

ACCUREL® GA 301 is a fast working antistatic agent for polyolefin-based films, sheets or injection molded parts. Exposed to air humidity, it provides an antistatic effect for up to 6 months.

ACCUREL® GA 301 works as a cell stabilizer in PE based foams by delaying the exchange of foaming agent with ambient air.

ACCUREL® GA 301 can be applied as release agent for injection molded parts and may improve surface appearance.

ACCUREL® GA 301 is based on a low viscous LDPE grade, which makes it most suitable for any application, where a good melt flow and mold filling is essential, e.g. for injection molding or fibre spinning.

ACCUREL® GA 301 disperses homogeneously during processing even at low addition levels.

ACCUREL® GA 301 is suitable for transparent applications

Dosage

ACCUREL® GA 301 can be incorporated using gravimetric or volumetric dosing equipment or by pre-blending with the base resin. The following levels of addition are recommended:

- 0.5 – 1.5 % as antistatic agent
- 0.3 – 0.5 % as mold release agent
- 1.5 – 2.0 % as cell stabilizer

Food Contact Status

ACCUREL® GA 301 complies with the EU and FDA food contact regulations.

Registration Status

ACCUREL® GA 301 complies with REACH Regulation (EC) No 1907/2006.

The ingredients of ACCUREL® GA 30 are listed / comply with the following chemical inventories:

EINECS, TSCA, DSL, ENCS, AICS, TCCL, PICCS, IECS, NZIOC, TCSI

Storage Stability

Minimum 12 months after date of production under normal good storing conditions.

Packaging

30 kg net in a cardboard box with PE inliner
720 kg net (24 x 30 kg)

Product Safety

For transport, handling and first aid instructions we refer to the material safety data sheet for ACCUREL® GA 301.

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Evonik Nutrition & Care GmbH
Goldschmidtstraße 100
45127 Essen, Germany
Phone Europe +49 201 173 2665
Phone Asia +86 21 61191 125
Phone Americas +1 804 727 0700
interface-performance@evonik.com
www.evonik.com/interface-performance