

Technical Information

ACCUREL® GA 303

ACCUREL® GA 303 is a mixture of vegetable based glycerol monostearate with > 90 % monoglyceride content and ethylene vinylacetate copolymer (EVA).

Physical Properties

| | |
|------------------|-----------------------------|
| Melt temperature | approx. 97 °C |
| Bulk density | 450 – 600 kg/m ³ |
| Colour | Off-white |
| Delivery form | Pellets |
| Additive content | 70 (± 2) wt% |

Application

ACCUREL® GA 303 is a cell stabilizer, especially for EVA foams. ACCUREL® GA 303 delays the exchange of foaming agent with ambient air.

ACCUREL® GA 303 provides fast antistatic performance for polyolefin-based films, sheets or injection molded parts. The active ingredient migrates to the surface where it is exposed to air humidity and provides an antistatic effect for up to 6 months.

ACCUREL® GA 303 is used as release agent for injection molded parts.

ACCUREL® GA 303 disperses homogeneously during processing even at low addition levels.

ACCUREL® GA 303 is suitable for transparent applications.

Dosage

ACCUREL® GA 303 can be incorporated using gravimetric or volumetric dosing equipment or by pre-blending it with the base resin. The following levels of addition are recommended:

- 0.4 – 1.0 % as antistatic agent
- 0.3 – 0.5 % as mold release agent
- 1.0 – 2.0 % as cell stabilizer

Food Contact Status**EU: EC 10/2011**

ACCUREL® GA 303 complies with EU regulation EC 10/2011. Specific migration limits apply.

USA: FDA 21 CFR

ACCUREL® GA 303 can be used as an additive in EVA in contact with food according to 21 CFR (FDA) Sec. 177.1350 (ethylene-vinyl acetate copolymers).

China: GB 9685-2016

ACCUREL® GA 303 is listed with respect to its active standard composition in GB 9685-2016 for use in Adhesive, Coating, Ink, Paper, Plastic (PP, PE, EVA) and Rubber with food contact. Specific migration limits apply.

Registration Status

ACCUREL® GA 303 complies with REACH Regulation (EC) No 1907/2006.

The ingredients of ACCUREL® GA 303 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 303.

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