

Technical Information

ACCUREL® GA 300

ACCUREL® GA 300 is a mixture of vegetable-based glycerol monostearate with >90 % monoglyceride content and polypropylene (PP) homopolymer.

Physical Properties

Melt temperature	approx. 160 °C
Bulk density	450 – 600 kg/m ³
Colour	Off-white
Delivery form	Pellets
Additive Content	60 (± 2) wt%

Application

ACCUREL® GA 300 is a haptic enhancer for PP fibres and at the same time a fast working antistatic agent for PP films, sheets or injection molded parts.

The active ingredient migrates to the surface and exposed to air humidity it provides an antistatic effect for up to 6 months.

ACCUREL® GA 300 can add hydrophilicity to polypropylene fibres and nonwovens and enhances their haptic properties.

ACCUREL® GA 300 can be also used as release agent for injection molded parts and cell stabilizer for PP foam.

Dosage

ACCUREL® GA 300 can be incorporated using gravimetric or volumetric dosing equipment or by pre-blending it with the base resin.

The dosage recommendations are:

- 1.5 – 2.5 % for improved hydrophilicity and haptics
- 0.5 – 1.5 % as antistatic agent
- 0.5 – 0.8 % as mold release agent

At higher dosages blooming of the active ingredient may occur.

Food Contact Status

ACCUREL® GA 300 complies with the relevant EU and FDA regulations as well as with GB 9685–2016 (for plastics) when applied for articles for indirect food contact.

Registration Status

ACCUREL® GA 300 complies with REACH Regulation (EC) No 1907/2006.

Its ingredients of ACCUREL® GA 300 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 300.

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