

## Technical Information

## ACCUREL® GA 302

ACCUREL® GA 302 is a mixture of vegetable-based glycerol monostearate with > 90 % monoglyceride content and general-purpose polystyrene (GPPS).

**Physical Properties**

Melt temperature	> 120 °C
Bulk density	500 – 650 kg/m <sup>3</sup>
Colour	Off-white
Delivery form	Pellets
Additive content	40 (± 2)

**Application**

ACCUREL® GA 302 is an antistatic masterbatch for styrenic 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 302 can also be applied as release agent for injection molded parts and cell stabilizer for polystyrene based foams.

At higher dosages blooming of the active ingredient may occur.

**Benefits**

- antistatic effect for up to 6 months
- improves surface appearance
- cell stabilizing effect

**Dosage**

ACCUREL® GA 302 can be incorporated using gravimetric or volumetric dosing equipment or by pre-blending it with the base resin.

Recommended levels of addition are:

- 1.5 – 3.0 % as antistatic agent
- 1.0 – 1.5 % as mold release agent
- 2.0 – 4.0 % as cell stabilizer

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

ACCUREL® GA 302 complies with EU regulation EC 10/2011.

**USA: FDA 21 CFR**

ACCUREL® GA 302 can be used as an additive in polystyrene in contact with food according to 21 CFR (FDA) Sec. 177.1640 (polystyrene and rubber-modified polystyrene).

**China: GB 9685-2016**

ACCUREL® GA 302 is listed with respect to its active standard composition in GB 9685-2016 for use in Plastic (PS) with food contact. Restrictions apply.

**Registration Status**

ACCUREL® GA 302 complies with REACH Regulation (EC) No 1907/2006.

The ingredients of ACCUREL® GA 302 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 302.

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