

Technical Information

ACCUREL® SF 179

ACCUREL® SF 179 is a mixture of tallow-based alkyl (C14–C18) ethoxylated amine and high-density polyethylene (HDPE).

Physical Properties

Melt temperature	approx. 119 °C
Bulk density	400 – 600 kg/m ³
Colour	Off-white/creamy
Delivery form	Pellets
Additive content	75 (± 2) wt%

Application

The active ingredient in ACCUREL® SF 179 is a long-term internal antistatic agent and provides sustained antistatic performance in PE applications.

ACCUREL® SF 179 works as antistatic agent in PE foam applications and PE bubble films.

ACCUREL® SF 179 can be combined with glycerol monostearate based ACCUREL® GA301 to achieve a fast working antistatic effect in addition.

Benefits

- temperature stable antistatic masterbatch
- antistatic performance of approx. 1 year
- suitable for transparent applications

Dosage

ACCUREL® SF 179 can be incorporated using gravimetric or volumetric dosing equipment or by pre-blending it with the base resin.

The following concentrations for ACCUREL® SF 179 are recommended:

- 0.5 – 1.5 % in PE foam
- 0.5 – 1.0 % in PE bubble film
- 0.1 – 0.2 % at food contact

Food Contact Status

EU: EC 10/2011

ACCUREL® SF 179 complies with EU regulation EC 10/2011. Specific migrations limits apply.

USA: FDA 21 CFR

ACCUREL® SF 179 can be used as an additive in polyolefin films in contact with food according to 21 CFR (FDA) Sec. 177.1520 (olefin polymers) up to a maximum level of 0.13 % ACCUREL® SF 179.

China: GB 9685–2016

ACCUREL® SF 179 is listed with respect to its active standard composition in GB 9685–2016 for use in Plastic (PE, PP) with food contact. Contact us for max. use dosage.

Registration Status

ACCUREL® SF 179 complies with REACH Regulation (EC) No 1907/2006.

The ingredients of ACCUREL® SF 179 are listed / comply with the following chemical inventories:

EINECS, TSCA, DSL, AICS, TCCL, PICCS, IECSC, NZOIC, 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® SF 179.

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