

Technical Information

ACCUREL® SF 617

ACCUREL® SF 617 is a mixture of high purity erucamide and polypropylene (PP) homopolymer.

Physical Properties

Melt temperature	Approx. 160 °C
Bulk density	500 – 600 kg/m ³
Colour	Crème/beige
Delivery form	Pellets
Additive content	50 (± 2) wt%

Application

ACCUREL® SF 617 enhances the haptic properties of PP fibres and nonwovens.

ACCUREL® SF 617 is an excellent slip agent and significantly reduces the coefficient of friction on the surface of polypropylene films and sheets at temperatures below 60 °C.

ACCUREL® SF 617 provides good release properties to injection molded PP/TPO based parts.

Benefits

- better internal melt flow
- fast reduction of surface friction supports winding up process and evenness of PP film rolls
- smoother surface appearance of molded parts
- suitable for transparent applications

Dosage

ACCUREL® SF 617 can be incorporated using gravimetric or volumetric dosing equipment or by pre-blending it with the base resin.

The recommended level of addition is in the range of

- 0.6 – 1.2 % as haptic enhancer
- 0.1 – 0.4 % as slip agent
- 0.4 – 1.0 % as mold release agent

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

ACCUREL® SF 617 complies with EU regulation EC 10/2011.

USA: FDA 21 CFR

ACCUREL® SF 617 can be used as an additive in polyolefins in contact with food according to 21 CFR (FDA) Sec. 177.1520 (olefin polymers).

China: GB 9685–2016

ACCUREL® SF 617 is listed with respect to its active standard composition in GB 9685–2016 for use in Plastic (PE, PP) with food contact.

Registration Status

ACCUREL® SF 617 complies with REACH Regulation (EC) No 1907/2006.

Its ingredients of ACCUREL® SF 617 are listed / comply with the following chemical inventories:

EINECS, TSCA, DSL, ENCS, AICS, TCCL, PICCS, IECSC, 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® SF 617.

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