

Technical Information

ACCUREL® SL 811

ACCUREL® SL 811 is a mixture of a temperature stable lubricant and a porous PET carrier.

Physical Properties

Melt temperature	> 200 °C
Bulk density	300 – 500 kg/m ³
Colour	Off-white
Delivery form	Pellets
Additive Content	60 (± 2) wt%

Application

ACCUREL® SL 811 reduces friction and blocking of PET surfaces.

The active ingredient of ACCUREL® SL 811 migrates to the surface of the finished product and forms a thin layer which minimizes the coefficient of friction as well as adhesion between PET surfaces.

Pre-dispersion of the active ingredient in the porous carrier supports a homogeneous distribution of the additive in the melt even at low addition levels.

Dosage

ACCUREL® SL 811 can be incorporated by using gravimetric dosing equipment or by adding it to a dry blend with the virgin polymer.

For PET sheets and preforms, addition levels of ACCUREL® SL 811 between 0.3 % and 0.6 % are recommended.

Food Contact

EU: EC 10/2011

ACCUREL® SL 811 complies with EU regulation EC 10/2011. Specific migration limits apply.

USA: FDA 21 CFR

For the recommended dosage range ACCUREL® SL 811 can be used as an additive in PET in contact with food according to 21 CFR (FDA) Sec. 177.1630 (polyethylene phthalate polymers). Restrictions apply.

China: GB 9685

ACCUREL® SL 811 is listed with respect to its active standard composition in GB 9685–2016 for use in coating with food contact. ACCUREL® SL 811 is non-compliant for the use in plastics with food contact. Specific migration limits apply.

Registration

ACCUREL® SL 811 complies with REACH Regulation (EC) No 1907/2006.

The ingredients of ACCUREL® SL 811 are listed / comply with the following chemical inventories:

EINECS, DSL, ENCS, AICS, TCCL, IECSC

Storage Stability

Minimum 12 months after date of production under normal good storing conditions.

Packaging

25 kg net in a cardboard box with PE-inliner
600 kg net (24 x 25 kg)

Product Safety

For transport, handling and first aid instructions we refer to the material safety data sheet for ACCUREL® SL 811.

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