

Technical Information

ACCUREL® SL 810

ACCUREL® SL 810 is a thermally stable lubricant and a porous polycarbonate (PC) carrier.

Physical Properties

Melt temperature	> 200 °C
Bulk density	200 – 400 kg/m ³
Colour	White/offwhite
Delivery form	Pellets
Additive Content	50 (± 2) wt%

Application

ACCUREL® SL 810 reduces the friction and the blocking of PC surfaces.

ACCUREL® SL 810 migrates to the surface of the finished product and forms a thin layer minimizing the coefficient of friction (COF) and adhesion between PC surfaces.

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

Benefits

- Reduced surface friction
- Improved mold release
- Scratch resistance
- Pigment dispersion with no significant impact on colour and clarity

Dosage

ACCUREL® SL 810 can be incorporated by using gravimetric dosing equipment or by adding it to a dry blend with virgin polymer.

The recommended addition level of ACCUREL® SL 810 for sheets and molded parts is 0.8 % – 1.5 %.

Registration

ACCUREL® SL 810 complies with REACH Regulation (EC) No 1907/2006.

The ingredients of ACCUREL® SL 810 are listed/comply with the following chemical inventories:

EINECS

Storage Stability

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

Packaging

20 kg net in a cardboard box with PE-inliner
480 kg net (24 x 20 kg)

Product Safety

For transport, handling and first aid instructions we refer to the material safety data sheet for ACCUREL® SL 810.

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