

Technical Information

ACCUREL® FR519

Product Composition

Mixture of BDP (bisphenol A bis(diphenyl phosphate)) and porous polycarbonate (PC)

Physical Properties

T _g PC	149 °C
Bulk density	300 – 400 kg/m ³
Colour	offwhite
Delivery form	pellets

Application

ACCUREL® FR519 contains a halogen free flame retardant for injection molded components and profiles made from PC or PC/ABS compounds.

Depending upon the required fire rating the level of addition for ACCUREL® FR519 can be 15 – 25 %. At 15 % usage a V-0 rating UL 94 class (1.6 mm) can be achieved in PC/ABS (80/20) compounds.

ACCUREL® FR519 improves the melt flow characteristics with minimum loss of dimensional stability.

The ingredients of ACCUREL® FR519 do have low volatility and high thermal stability.

Benefits

- halogen free flame retardant
- melt flow improvement
- better dimensional stability
- suitable for transparent polycarbonate parts

Dosage

ACCUREL® FR519 can be incorporated using gravimetric resp. volumetric dosing equipment or by pre-blending at the right ratio with the base resin.

The recommended level of addition for ACCUREL® FR519 is in the range of

- 15 – 25 % depending on fire rating
- 2 – 3 % improved melt flow

Registration Status

ACCUREL® FR519 complies with REACH Regulation (EC) No 1907/2006 and its ingredients are listed / comply with the following chemical inventories:

EINECS, TSCA, DSL, ENCS, IECSC, KECL

Storage Stability

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® FR519.

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