

## Technical Information

## ACCUREL® FR 519

ACCUREL® FR 519 is a mixture of BDP (bisphenol A bis(diphenyl phosphate)) and porous polycarbonate (PC)

## Physical Properties

Melt temperature	> 200 °C
Bulk density	300 – 400 kg/m <sup>3</sup>
Colour	Off-white
Delivery form	Pellets
Additive content	50 (± 2) wt%

## Application

ACCUREL® FR 519 contains a halogen free flame retardant for injection molded components and profiles made from PC or PC/ABS compounds.

ACCUREL® FR 519 improves the melt flow characteristics with minimum loss of dimensional stability.

The ingredients of ACCUREL® FR 519 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® FR 519 can be incorporated using gravimetric or volumetric dosing equipment or by pre-blending it with the base resin.

The recommended level of addition for ACCUREL® FR 519 is in the range of

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

For instance, UL 94 V-0 class (at 1.6 mm) can be achieved in PC/ABS (80/20) compounds using a dosage of 15 % ACCUREL® FR 519.

## Registration Status

ACCUREL® FR 519 complies with REACH Regulation (EC) No 1907/2006.

The ingredients of ACCUREL® FR 519 are listed/comply with the following chemical inventories:

EINECS, TSCA, NDSL, AICS, TCCL, PICCS, IECSC, NZIOC, TCSI

## 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® FR 519.

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**Evonik Nutrition & Care GmbH**  
Goldschmidtstraße 100  
45127 Essen, Germany  
Phone Europe +49 201 173 2665  
Phone Asia +86 21 61191 125  
Phone Americas +1 804 727 0700  
[interface-performance@evonik.com](mailto:interface-performance@evonik.com)  
[www.evonik.com/interface-performance](http://www.evonik.com/interface-performance)