

Technical Information

ACCUREL® FR 504

ACCUREL® FR 504 is a mixture of bisphenol A bis(diphenyl phosphate) and GPPS.

Physical Properties

Melt temperature	> 120 °C
Bulk density	600 – 700 kg/m ³
Colour	Transparent
Delivery form	Pellets
Additive content	50 (± 2) wt%

Application

ACCUREL® FR 504 is a halogen free flame retardant high concentrate for extruded or injection molded components and profiles made from styrenic resins and compounds.

ACCUREL® FR 504 improves the melt flow characteristics with minimum loss of dimensional stability.

Benefits

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

Dosage

ACCUREL® FR 504 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 504 is in the range of

- 15 – 30 % depending on fire rating
- 2 – 3 % for improved melt flow

Registration Status

ACCUREL® FR 504 complies with REACH Regulation (EC) No 1907/2006.

The ingredients of ACCUREL® FR 504 are listed/comply with the following chemical inventories:

EINECS, TSCA, NDSL, 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® FR 504.

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