

Technical Information

ACCUREL® XP 601

Product Composition

ACCUREL® XP 601 is a porous carrier resin made from polycarbonate (PC).

Physical Properties

Melt temperature	> 200 °C
Bulk density	100 – 140 kg/m ³
Maximum loading capacity	60 %
Colour	White/off-white
Delivery form	Pellets
Pellet size	2 – 4 mm

Application

ACCUREL® XP 601 is a porous PC carrier for the production of additive concentrates at loading temperatures up to 60°C via physical absorption of the additive.

ACCUREL® XP 601 is most effective for the incorporation of thermally sensitive additives and for those which cannot be processed by conventional extrusion compounding techniques.

In general, additive viscosity should not exceed 30,000 cSt at absorption processing temperature.

Benefits

- up to 60 % additive content
- no additional heat history for the additive
- pre-dispersed additive in the porous structure of the carrier resin
- dosage like conventional masterbatches

Additive Absorption Process

For details concerning how to load ACCUREL® XP 601 pellets please contact us.

Food Contact Status

ACCUREL® XP 601 complies with the EU and FDA food contact regulations.

Registration Status

ACCUREL® XP 601 complies with REACH Regulation (EC) No 1907/2006.

The ingredients of ACCUREL® XP 601 are listed/comply with the following chemical inventories:

EINECS, TSCA, DSL, ENCS, AICS, TCCL, PICCS, IECS, NZIOC, TCSI

Storage Stability

60 months after date of production under normal good storing conditions.

Packaging

30 kg net in a cardboard box with PE inliner
240 kg net (8 x 30 kg)

Product Safety

For transport, handling and first aid instructions we refer to the material safety data sheet for ACCUREL® XP 601.

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