

Technical Information

ACCUREL® XP 700

ACCUREL® XP 700 is a porous carrier resin completely made from polyamide 6 (PA6).

Physical Properties

Melt temperature	> 200 °C
Bulk density	130 – 170 kg/m ³
Maximum loading capacity	65 %
Colour	White/off-white
Delivery form	Pellets
Pellet size	2 – 4 mm

Application

ACCUREL® XP 700 is a porous PA6 carrier for the production of additive masterbatches via absorption of liquid additives at processing temperatures up to 100 °C.

ACCUREL® XP 700 is most effective for the incorporation of thermally sensitive additives, reactive agents 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 65 % 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 the loading of ACCUREL® XP 700 pellets please contact us.

Food Contact Status

EU: EC 10/2011

ACCUREL® XP 700 complies with EU regulation EC 10/2011. Specific migration limits apply.

USA: FDA 21 CFR

ACCUREL® XP 700 complies with 21 CFR (FDA) Sec. 177.1500 (Nylon resins).

China: GB 9685-2016

ACCUREL® XP 700 is listed with respect to its active standard composition in GB 9685-2016 for use in plastic (PA) with food contact. Specific migration limits apply.

Registration Status

ACCUREL® XP 700 complies with REACH Regulation (EC) No 1907/2006.

The ingredients of ACCUREL® XP 700 are listed/comply with the following chemical inventories:

EINECS, TSCA, DSL, ENCS, AICS, TCCL, PICCS, IECSC, 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 700.

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