

Technical Information

ACCUREL® XP 300

ACCUREL® XP 300 is a water-soluble porous carrier resin made from polyvinyl alcohol (PVA).

Physical Properties

Melt temperature	120 °C
Bulk density	100 – 140 kg/m ³
Maximum loading capacity	60 %
Colour	White to pale yellowish
Delivery form	Pellets
Pellet size	2 – 4 mm

Application

ACCUREL® XP 300 is a porous PVA carrier for the production of additive concentrates at loading temperatures up to 50°C via physical absorption of the additive.

ACCUREL® XP 300 is most effective for the incorporation of thermally sensitive additives, reactive agents, fragrances and for those that 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 300 pellets please contact us.

Food Contact Status

EU: EC 10/2011

ACCUREL® XP 300 complies with EU regulation EC 10/2011. Specific migration limits apply.

USA: FDA 21 CFR

ACCUREL® XP 300 complies with 21 CFR (FDA) Sec. 177.1670 (Polyvinyl alcohol film). Restrictions apply.

China: GB 9685-2016

ACCUREL® XP 300 is listed with respect to its active standard composition in GB 9685-2016 for use in Adhesive, Coating, Paper and Plastic (PP, PS, PE, AS, ABS, PVOH) with food contact. Restrictions apply.

Registration Status

ACCUREL® XP 300 complies with REACH Regulation (EC) No 1907/2006.

The ingredients of ACCUREL® XP 300 are listed/comply with the following chemical inventories:

EINECS

Storage Stability

24 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 300.

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