

Technical Information

ACCUREL® XP 500

ACCUREL® XP 500 is a porous carrier resin made from EVA (VA content 5%).

Physical Properties

Melt temperature	> 100 °C
Bulk density	100 – 140 kg/m ³
Maximum loading capacity	50 %
Colour	White/off-white
Delivery form	Pellets
Pellet size	2 – 4 mm

Application

ACCUREL® XP 500 is a porous EVA carrier for the production of additive concentrates at loading temperatures up to 60°C via physical absorption of the additive.

ACCUREL® XP 500 is most effective for the incorporation of thermally sensitive additives 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 50 % 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 500 pellets please contact us.

Food Contact Status

EU: EC 10/2011

ACCUREL® XP 500 complies with EU regulation EC 10/2011. Specific migration limits apply.

USA: FDA 21 CFR

ACCUREL® XP 500 complies with 21 CFR (FDA) Sec. 177.1350 (ethylene-vinyl acetate copolymers). Restrictions apply.

China: GB 9685-2016

ACCUREL® XP 500 is listed with respect to its active standard composition in GB 9685-2016 for use in Adhesive, Coating, Ink, Paper, Plastic (PE, PP, EVA) and Rubber with Food Contact. Specific migration limits apply.

Registration Status

ACCUREL® XP 500 complies with REACH Regulation (EC) No 1907/2006.

The ingredients of ACCUREL® XP 500 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 4 resp. 8 boxes on a pallet

Product Safety

For transport, handling and first aid instructions we refer to the material safety data sheet for ACCUREL® XP 500.

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