

Technical Information

ACCUREL® XP 650

ACCUREL® XP 650 is a porous carrier resin made from PMMA.

Physical Properties

Melt temperature	> 200 °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 650 is a porous PMMA carrier for the production of additive concentrates at loading temperatures up to 80°C via physical absorption of the additive.

ACCUREL® XP 650 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 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 how to load ACCUREL® XP 650 pellets please contact us.

Food Contact Status

EU: EC 10/2011

ACCUREL® XP 650 complies with EU regulation EC 10/2011. Specific migration limits and restrictions apply.

USA: FDA 21 CFR

ACCUREL® XP 650 complies with 21 CFR (FDA) Sec. 177.1010 (Acrylic and modified acrylic plastics, semirigid and rigid). Restrictions apply.

China: GB 9685-2016

ACCUREL® XP 650 is listed with respect to its active standard composition in GB 9685-2016 for use in coating and plastic (PMMA) with food contact. Specific migration limits apply

Registration Status

ACCUREL® XP 650 complies with REACH Regulation (EC) No 1907/2006.

The ingredients of ACCUREL® XP 650 are listed/comply with the following chemical inventories:

EINECS

Storage Stability

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

Packaging

25 kg net in a cardboard box with PE inliner
200 kg net (8 x 25 kg) on a pallet

Product Safety

For transport, handling and first aid instructions we refer to the material safety data sheet for ACCUREL® XP 650.

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