

Technical Information

ACCUREL® XP 850

ACCUREL® XP 850 is a porous carrier resin made from styrene–butadiene block copolymer (SBC).

Physical Properties

Melt temperature	> 170 °C
Bulk density	220 – 260 kg/m ³
Maximum loading capacity	50 %
Colour	White/off-white
Delivery form	Pellets
Pellet size	2 – 4 mm

Application

ACCUREL® XP 850 is a porous SBC carrier for the production of additive masterbatches via absorption of liquid additives at processing temperatures up to 40 °C.

ACCUREL® XP 850 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 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 850 pellets please contact us.

Food Contact Status

ACCUREL® XP 850 complies with the EU and FDA food contact regulations.

Registration Status

ACCUREL® XP 850 complies with REACH Regulation (EC) No 1907/2006.

The ingredients of ACCUREL® XP 850 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)

Product Safety

For transport, handling and first aid instructions we refer to the material safety data sheet for ACCUREL® XP 850.

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