

Technical Information

ACCUREL® XP200-82

Product Composition

Porous carrier resin completely made from high density polyethylene (HDPE).

Physical Properties

| | |
|----------------|----------------------------|
| Melt flow rate | 1.45 (190 °C, 2.16 kg) |
| Bulk density | 90 – 130 kg/m ³ |
| Void content | 77 – 87 % |
| Colour | white/offwhite |
| Delivery form | pellets |
| Pellet size | 2 – 4 mm |

Application

ACCUREL® XP200-82 is a porous carrier for the production of additive masterbatches via absorption of liquid additives at processing temperatures up to 80 °C.

ACCUREL® XP200-82 is most effective for the incorporation of thermally sensitive additives, reactive agents, fragrances 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 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 the loading of ACCUREL® XP200-82 pellets we refer to the technical information 'Additive Loading in ACCUREL® MP/XP Carriers'.

Food Contact Status

ACCUREL® XP200-82 complies with the EU and FDA food contact regulations.

Registration Status

ACCUREL® XP200-82 complies with REACH Regulation (EC) No 1907/2006 and the HDPE grade used for Accurel XP200-82 is listed / complies with the following chemical inventories:

EINECS (exempt), TSCA, DSL, ENCS, IECSC, KECL

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® XP200.

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