

Technical Information

ACCUREL® XP 200

ACCUREL® XP 200 is a porous carrier resin made from high density polyethylene (HDPE).

Physical Properties

Melt temperature	> 100 °C
Bulk density	130 – 170 kg/m ³
Maximum loading capacity	60 %
Colour	White/off-white
Delivery form	Pellets
Pellet size	2 – 4 mm

Application

ACCUREL® XP 200 is a porous HDPE carrier for the production of additive concentrates at loading temperatures up to 60°C via physical absorption of the additive.

ACCUREL® XP 200 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 200 pellets please contact us.

Food Contact Status

EU: EC 10/2011

ACCUREL® XP 200 complies with EU regulation EC 10/2011.

USA: FDA 21 CFR

ACCUREL® XP 200 complies with 21 CFR (FDA) Sec. 177.1520 (olefin polymers).

China: GB 9685-2016

ACCUREL® XP 200 is listed with respect to its active standard composition in GB 9685-2016 for use in Adhesive, Coating, Rubber and Plastic (PP, PE, PS, PVC, PA, PC, ABS, AS, PET, UP) with food contact.

Registration Status

ACCUREL® XP 200 complies with REACH Regulation (EC) No 1907/2006.

The ingredients of ACCUREL® XP 200 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

40 kg net in a cardboard box with PE inliner
320 kg net (8 x 40 kg)

Product Safety

For transport, handling and first aid instructions we refer to the material safety data sheet for ACCUREL® XP 200.

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Evonik Nutrition & Care GmbH
Goldschmidtstraße 100
45127 Essen, Germany
Phone Europe +49 201 173 2665
Phone Asia +86 21 61191 125
Phone Americas +1 804 727 0700
interface-performance@evonik.com
www.evonik.com/Interface-performance