

## Technical Information

## ACCUREL® XP 400

ACCUREL® XP 400 is a porous carrier resin made from low density polyethylene (LDPE).

## Physical Properties

Melt temperature	> 100 °C
Bulk density	130 – 170 kg/m <sup>3</sup>
Maximum loading capacity	50 %
Colour	White/off-white
Delivery form	Pellets
Pellet size	2 – 4 mm

## Application

ACCUREL® XP 400 is a porous LDPE carrier for the production of additive concentrates at loading temperatures up to 70°C via physical absorption of the additive.

ACCUREL® XP 400 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 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 400 pellets please contact us.

## Food Contact Status

## EU: EC 10/2011

ACCUREL® XP 400 complies with EU regulation EC 10/2011 without restrictions.

## USA: FDA 21 CFR

ACCUREL® XP 400 complies with 21 CFR (FDA) Sec. 177.1520 (olefin polymers).

## China: GB 9685-2016

ACCUREL® XP 400 is listed with respect to its active standard composition in GB 9685-2016 for use in Coating, Paper and Plastic (PE, PP, PS, AS, ABS/PC, PVDC, PET) with Food Contact. Restrictions apply.

## Registration Status

ACCUREL® XP 400 complies with REACH Regulation (EC) No 1907/2006.

The ingredients of ACCUREL® XP 400 are listed/comply with the following chemical inventories:

EINECS, TSCA, DSL, ENCS, AICS, TCCL, PICCS, IECS, 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  
420 kg resp. 14 boxes on a pallet

## Product Safety

For transport, handling and first aid instructions we refer to the material safety data sheet for ACCUREL® XP 400.

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