

## Technical Information

## ACCUREL® XP 100

ACCUREL® XP 100 is a porous carrier resin completely made from polypropylene (PP).

## Physical Properties

|                          |                            |
|--------------------------|----------------------------|
| Melt temperature         | > 150 °C                   |
| Bulk density             | 75 – 115 kg/m <sup>3</sup> |
| Maximum loading capacity | 70 %                       |
| Colour                   | White/offwhite             |
| Delivery form            | Pellets                    |
| Pellet size              | 2 – 4 mm                   |

## Application

ACCUREL® XP 100 is a porous PP carrier for the production of additive masterbatches via absorption of liquid additives at processing temperatures up to 100 °C.

ACCUREL® XP 100 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 70 % additive content
- no additional heat history for the additive
- pre-dispersed additive in the porous structure of the carrier resin
- dosage like conventional masterbatches
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## Additive Absorption Process

For details concerning the loading of ACCUREL® XP 100 pellets please contact us.

## Food Contact Status

## EU: EC 10/2011

ACCUREL® XP 100 complies with EU regulation EC 10/2011.

## USA: FDA 21 CFR

ACCUREL® XP 100 complies with 21 CFR (FDA) Sec. 177.1520 (olefin polymers) paragraph (c) 1.1a.

## China: GB 9685-2016

ACCUREL® XP 100 is listed with respect to its active standard composition in GB 9685-2016 for use in Adhesive, Coating, Rubber and Plastic (PP, PE) with food contact.

## Registration Status

ACCUREL® XP 100 complies with REACH Regulation (EC) No 1907/2006.

The ingredients of ACCUREL XP 100 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

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 100.

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