

Technical Information

ACCUREL® GA 381

ACCUREL® GA 381 is a mixture of polyglycerol ester and porous GPPS.

Physical Properties

Melt temperature	> 120 °C
Bulk density	200 – 300 kg/m ³
Colour	White/offwhite
Delivery form	Pellets
Additive content	50 (± 2) wt%

Application

ACCUREL® GA 381 gives a long-term antistatic performance to sheets and films based on polystyrene or styrene-butadien-copolymer.

ACCUREL® GA 381 is a cold antifog concentrate.

The active ingredient of ACCUREL® GA 381 is non-corrosive (amine and amide free).

The extrusion of ACCUREL® GA 381 benefits from the low volatility and the high thermal stability of the active ingredient.

ACCUREL® GA 381 disperses homogeneously during processing even at low addition levels.

Dosage

ACCUREL® GA 381 can be incorporated by using gravimetric dosing equipment or via a physical blend with the base resin.

The recommended dosing level of ACCUREL® GA 381 to achieve antistatic and/or antifog properties is between 4.0 % and 5.0 %.

Food Contact Status

EU: EC 10/2011

ACCUREL® GA 381 complies with EU regulation EC 10/2011.

USA: FDA 21 CFR

ACCUREL® GA 381 can be used as an additive in polystyrene in contact with food according to 21 CFR (FDA) Sec. 177.1640 (polystyrene and rubber-modified polystyrene).

Registration Status

ACCUREL® GA 381 complies with REACH Regulation (EC) No 1907/2006.

The ingredients of ACCUREL® GA 381 are listed/comply with the following chemical inventories:

EINECS, IECSC, TCSI

Storage Stability

12 months after date of production under normal good storing conditions.

Packaging

12.5 kg net in a cardboard box with PE inliner
300 kg net (24 x 12.5 kg)

Product Safety

For transport, handling and first aid instructions we refer to the material safety data sheet for ACCUREL® GA 381.

This information and any recommendations, technical or otherwise, are presented in good faith and believed to be correct as of the date prepared. Recipients of this information and recommendations must make their own determination as to its suitability for their purposes. In no event shall Evonik assume liability for damages or losses of any kind or nature that result from the use of or reliance upon this information and recommendations. EVONIK EXPRESSLY DISCLAIMS ANY REPRESENTATIONS AND WARRANTIES OF ANY KIND, WHETHER EXPRESS OR IMPLIED, AS TO THE ACCURACY, COMPLETENESS, NON-INFRINGEMENT, MERCHANTABILITY AND/OR FITNESS FOR A PARTICULAR PURPOSE (EVEN IF EVONIK IS AWARE OF SUCH PURPOSE) WITH RESPECT TO ANY INFORMATION AND RECOMMENDATIONS PROVIDED. Reference to any trade names used by other companies is neither a recommendation nor an endorsement of the corresponding product, and does not imply that similar products could not be used. Evonik reserves the right to make any changes to the information and/or recommendations at any time, without prior or subsequent notice.

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