

## Technical Information

## ACCUREL® Si 703

ACCUREL® Si 703 is a 30,000 cSt silicone oil on low-density polyethylene (LDPE).

## Physical Properties

Melting temperature	> 100 °C
Bulk density	400 – 600 kg/m <sup>3</sup>
Colour	Off-white
Delivery form	Pellets
Additive content	20 (± 2) wt%

## Application

ACCUREL® Si 703 is a lubricant and release agent for molded parts made from polyethylene.

Furthermore, ACCUREL® Si 703 is used as a slip agent for PE films.

In general, ACCUREL® Si 703 is used for PE processing for high slip and lubrication requirements.

The pre-dispersion of the additive in the porous carrier supports a homogeneous distribution in the finished product even at low addition levels.

## Dosage

ACCUREL® Si 703 can be incorporated using gravimetric or volumetric dosing equipment or by physical blending with the base resin.

The recommended level of addition of ACCUREL® Si 703 is between 0.5 % and 1.5 %.

## Food Contact Status

## EU: EC 10/2011

ACCUREL® Si 703 complies with EU regulation EC 10/2011.

## USA: FDA 21 CFR

ACCUREL® Si 703 can be used as an additive in polyolefins in contact with food according to 21 CFR (FDA) Sec. 177.1520 (olefin polymers).

## China: GB 9685-2016

ACCUREL® Si 703 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.

## Registration Status

ACCUREL® Si 703 complies with REACH Regulation (EC) No 1907/2006.

The ingredients of ACCUREL® Si 703 are listed / comply with the following chemical inventories:

EINECS, TSCA, DSL, ENCS, AICS, TCCL, PICCS, IECS, NZIOC, TCSI

## Storage Stability

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

## Packaging

30 kg net in a cardboard box with PE inliner  
720 kg net (24 x 30 kg)

## Product Safety

For transport, handling and first aid instructions, we refer to the material safety data sheet of ACCUREL® Si 703.

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