

Technical Information

ACCUREL® Si 755

ACCUREL® Si 755 is a 12,500 cSt silicon oil on a porous polyamide 6 carrier.

Physical Properties

Melt temperature	approx. 201 °C
Bulk density	250 – 350 kg/m ³
Colour	White/off-white
Delivery form	Pellets
Additive content	50 (± 2) wt%

Application

ACCUREL® Si 755 is an excellent mould release agent for finished polyamide parts.

ACCUREL® Si 755 acts as a fast and long-lasting lubricant and may reduce friction and abrasion on polyamide 6 surfaces.

Pre-dispersion of the additive in the porous carrier supports a homogeneous distribution in the finished product.

Dosage

ACCUREL® Si 755 can be incorporated using gravimetric or volumetric dosing equipment or by pre-blending it with the base resin.

The recommended level of addition of ACCUREL® Si 755 is in the range of

- 0.2 – 0.4 % for mould release
- 2.0 – 2.5 % as lubricant

Registration Status

ACCUREL® Si 755 complies with REACH Regulation (EC) No 1907/2006.

The ingredients of ACCUREL® Si 755 are listed/comply with the following chemical inventories:

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

Food Contact

EU: EC 10/2011

ACCUREL® Si 755 complies with EU regulation EC 10/2011. Specific migration limits apply.

USA: FDA 21 CFR

ACCUREL® Si 755 can be used as an additive in polyamide in contact with food according to 21 CFR (FDA) Sec. 177.1500 (Nylon resins).

China: GB 9685–2016

ACCUREL® Si 755 is listed with respect to its active standard composition in GB 9685–2016 for use in Plastic (PA) with Food Contact. Specific migration limits apply.

Storage Stability

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

Packaging

15 kg net in a cardboard box with PE inliner
360 kg net (24 x 15 kg)

Hazardous goods classification

For transport, handling and first aid instructions we refer to the material safety data sheet for ACCUREL® Si 755.

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