

## Technical Information

## ACCUREL® Si 754

ACCUREL® Si 754 is a 12500 cSt silicone oil on a porous high-density polyethylene (HDPE) carrier.

**Physical Properties**

Melt temperature	Approx. 120 °C
Bulk density	200 – 250 kg/m <sup>3</sup>
Colour	White/off-white
Delivery form	Pellets
Additive Content	50 (± 2) wt%

**Application**

ACCUREL® Si 754 acts as a fast and effective lubricant and mold release agent for HDPE based parts.

The pre-dispersion of the silicone oil in the porous carrier supports a homogeneous distribution of the silicone oil in the finished product.

ACCUREL® Si 754 allows a fast and long-lasting lubricating effect on the finished components.

**Benefits**

- easy handling of highly viscous silicone oil as a solid
- fast and long lasting lubricating effect
- efficient mold release

**Dosage**

ACCUREL® Si 754 can be incorporated using gravimetric or volumetric dosing equipment or by pre-blending it with the base resin.

The recommended level of addition for ACCUREL® Si 754 is in the range of

- 0.2 – 0.4 % as mold release agent
- 0.5 – 1.0 % as lubricant

**Food Contact Status****EU: EC 10/2011**

ACCUREL® Si 754 complies with EU regulation EC 10/2011.

**USA: FDA 21 CFR**

ACCUREL® Si 754 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 754 is listed with respect to its active standard composition in GB 9685-2016 for use in Adhesive, Coating, Plastic (PP, PE, PS, PVC, PC, ABS, AS, PA, PET) and Rubber with food contact. Specific migration limits apply.

**Registration**

ACCUREL® Si 754 complies with REACH Regulation (EC) No 1907/2006.

Its ingredients of ACCUREL® Si 754 are listed / comply with the following chemical inventories:

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

## Storage Stability

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

## Packaging

12 kg net in a cardboard box with PE inliner

216 kg net (18 x 12 kg) on Euro-Pallet

## Product Safety

For transport, handling and first aid instructions we refer to the material safety data sheet for ACCUREL® Si 754.

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