

Technical Information

ACCUREL® Si 792

ACCUREL® Si 792 is a 30,000 cSt silicone oil on a porous polycarbonate (PC) carrier.

Physical Properties

Melt temperature	> 200 °C
Bulk density	200 – 400 kg/m ³
Colour	White/off-white
Delivery form	Pellets
Additive Content	50 (± 2)

Application

ACCUREL® Si 792 acts as an effective lubricant and mold release agent for polycarbonate.

The pre-dispersion of the additive in the porous PC carrier supports a homogeneous distribution in the final product.

ACCUREL® Si 792 is not suitable for transparent applications.

Dosage

ACCUREL® Si 792 can be incorporated by using gravimetric dosing equipment or by adding it to a dry blend with the virgin polymer.

At an addition level of 0.2 % to 0.4 %, ACCUREL® Si 792 provides excellent mold release properties.

A dosage of 1.5 % to 2.0 % ACCUREL® Si 792 will allow a long-lasting lubricating effect on the finished components.

Food Contact Status

EU: EC 10/2011

ACCUREL® Si 792 complies with EU regulation EC 10/2011. Specific migration limits apply.

USA: FDA 21 CFR

ACCUREL® Si 792 can be used as an additive in polycarbonate in contact with food according to 21 CFR (FDA) Sec. 177.1580 (polycarbonate resins), following the application conditions B until H.

China: GB 9685-2016

ACCUREL® Si 792 is listed with respect to its active standard composition in GB 9685-2016 for use in Plastic (PC) with food contact. Specific migration limits apply.

Registration

ACCUREL® Si 792 complies with REACh Regulation (EC) No 1907/2006.

The ingredients of ACCUREL® Si 792 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

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

Product Safety

For transport, handling and first aid instructions we refer to the material safety data sheet for ACCUREL® Si 792.

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