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Chem Trend
Release Innovation™

PRODUCT DATA

Chemlease® 255

Semi-Permanent Release Agent

Description

Chemlease® 255 is a solvent based, semi-permanent, abrasion resistant release product, which provides excellent high-slip properties, minimal transfer and high-temperature stability. The Chemlease® 255 coating, applied according to instructions, adheres to the mould surface and provides multiple release properties for various plastic and rubber moulding applications, except for silicone rubber. The film coating is micro-thin which gives excellent mould reproduction and minimizes mould fouling / build-up. The Chemlease® 255 formulation contains no Ozone Depleting Substances (ODS).

Application

Chemlease® 255 may be applied to clean molds with temperatures from ambient to 200°C

1. Thoroughly clean the mold with Chemlease® Mold Cleaner EZ (refer to relevant product data sheet prior to use). Wipe dry with a clean cloth. All traces of previous release agents and/or other contaminants must be completely removed before applying Chemlease® 255.

2. Dependent upon the mold temperature, the product can be either wipe, brush or spray applied. When wiping use a clean 100% cotton woven cloth (we recommend Chemlease® Cotton Cloth) and apply thin, even coats using a wipe-on / wipe off method. Do not over apply. When using spray or brush application use even light strokes and do not over apply. Apply 3 base coats in this manner. Allow 10-15 minutes cure time after each application.

3. To achieve the maximum number of releases per application and to ensure minimal transfer - after the final coat, Chemlease® 255 must be left to dry/cure for a minimum of 1 hour (at ambient) or, if the mold temperature is 100°C or higher, for a minimum of 10 minutes before commencing molding procedures.

4. Reapply a light touch-up coat of Chemlease® 255 as required to maintain desired release.

Storage

Do not store at temperatures above 38°C. Keep container tightly sealed to prevent evaporation and/or moisture contamination. If stored in cold temperatures, allow product to warm to room temperature prior to use. Do not use if expiry date has been exceeded.

Handling

For more information, please request a copy of Chem-Trend's Material Safety Data Sheet.

Packaging

Chemlease® 255 is available in containers filled with 155 kg / 13,4 kg, 3,54 kg and 0,71 kg.

Further Information

Request information on our complete range of materials for this industry.

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