

PRODUCT DATA

Mono-Coat® RM-6007L

Solvent based semi-permanent Release Agent for Rotational Molding

Description

Mono-Coat® RM-6007L is a solvent-based, fast drying, ready-to-use, semi-permanent release agent designed for rotational molding of all grades of polyethylene (XLPE, HDPE, MDPE, LDPE, LLDPE) and other polymers such as PVC and polypropylene. It is specially formulated to provide excellent release from steel and aluminum tooling. Mono-Coat® RM-6007L provides high temperature stability, excellent durability and multiple releases with virtually no transfer to the molded part.

Typical Properties

These are typical values and should not be used to set specifications

Appearance	colourless fluid
Density (kg/l)	0,74
Storage stability in unopened containers valid from date of manufacturing (use by date see label on container)	12

Application

Mono-Coat® RM-6007L can be applied to either a cold mold with a cloth or a hot mold (ambient to 280°C) by spray.

1. Thoroughly clean the mold with a Chem-Trend® mold cleaner to remove the previous release agent or other contamination. Wipe dry with a clean cloth or towel. If spray application is preferred, use conventional spray equipment and hold spray tip about 10-25 cm from the surface. This product is acceptable for use on aluminum, magnesium and zinc molds.
2. Use a light, even spray when using spray methods. When wiping, apply thin even coats.
3. To pretreat or condition the clean mold, apply the product in a well-ventilated area. Apply at least three, uniform, thin coats and allow at least 5-10 minutes between applications for air drying of each coat. Begin molding after complete drying.

4. Reapply a light coat of Mono-Coat® RM-6007L when required, to maintain desired release. To prevent buildup, avoid over application.

Important

The recommended number of coats and cure times are a general guideline found to be more than sufficient in a broad spectrum of molding conditions. When molding products with extreme geometries or experiencing low-humidity conditions in the shop, the customer may find the need to extend the cure time between coats and increase the number of coats applied to the mold. Do not use, if the use by date (see label on container) has been exceeded.

Storage

Do not store at temperatures above 38°C. Keep container tightly sealed to prevent evaporation and/or moisture contamination.

Handling

For more information on storage, handling, hazards, etc., please request a copy of Chem-Trend's Material Safety Data Sheet, which must be consulted prior to use of this product.

Packaging

Mono-Coat® RM-6007L is available in containers with 13,9 kg, 3,4 kg and 0,69 kg.

Further Information

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

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