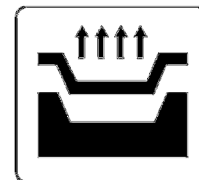




Chemlease® 5606W

Water-based Release Agent



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Description

Chemlease® 5606W is a universal water-based release agent designed to prevent build-up on mold while providing high lubricity for quick, effortless demolding. Chemlease® 5606W is ready to use as received and should not be diluted. For the correct mold release system best suited to your needs, see our website: www.chemtrend.com.

Benefits

- Thermal stability: 260 °C (500 °F)
- High gloss
- Fast, room temperature application
- High slip / lubricity
- Low odor
- Non-flammable
- Extremely low build-up on mold
- Easy recoat / touch-up

Uses

Chemlease® 5606W is recommended for applications requiring multiple releases, superior surface finish with high gloss and easy touch-up for seamless production cycles. Chemlease® 5606W can be used for releasing epoxies, phenolics, polyester resins, polyamides, and polybismaleimides.

Application Instructions

Before applying Chemlease® 5606W:

1. All previous surface treatments, residues, waxes or oils should be removed using a Chemlease® mold and part cleaner.
2. The mold should be properly sealed with a Chemlease® mold sealer according to the technical data sheet.
3. Apply one light coat of Chemlease® 5606W to a small area of the mold (1-2 ft²; 0.2 m²) using a clean, lint-free cloth or hand sprayer.
4. Wait approximately 60 seconds, and then wipe the mold surface dry using a separate clean cloth.
5. Make sure the entire mold surface is coated in this manner, slightly over-lapping the last coated area if you are applying in sections. Be certain that all contours are adequately coated.
6. Wait for a minimum of 15 minutes.

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7. Apply a second coat of Chemlease® 5606W in the same way, and wait for a minimum of 30 minutes before using mold.
8. For mold temperatures above 80 °C (180 °F), apply one very light coat of Chemlease® 5606W and do not wipe off. Wait for a minimum of 15 minutes before using mold.

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. The efficiency of a release film is best determined through a combination of tape tests and experimentation.

Storage

Store product between 5°C and 30°C (41°F and 86°F). Shelf life is 18 months from the date of manufacture, in the original unopened container.

Handling

We believe Chemlease® 5606W has a low degree of hazard when used as intended. For more information, request a copy of Chem-Trend's Safety Data Sheet.

Packaging

Chemlease® 5606W is available in a variety of package sizes. Please contact Chem-Trend customer service for details.

WARNING: *Never puncture any Chemlease® product container.*

Further Information

Request information on our complete range of materials: custom-formulated release agents for polyurethane molding; tire lubes and bladder coatings; Mono-Coat® semi-permanent release coatings; aerosol formulations; mold cleaners and sealers; specialized coatings and application equipment.

While the technical information and suggestions for use contained herein are believed to be accurate and reliable, nothing stated in this bulletin is to be taken as a warranty either expressed or implied.