



# Chemlease® IM02

## Internal Release System

### Description

Chemlease® Internal Release System IM02 is primarily used for non-gel-coated polyester and epoxy resins.

- Chemlease® IM02 is an internal release system and lubricant that, when added to polyester resin, reduces the dependency on the external release agent.
- Chemlease® IM02 was specifically developed for non-gel-coated parts and the production of U.P. resins by hot and cold processing, vacuum injection and injection molding.
- Chemlease® IM02 also imparts better flow properties to the polyester resin. Molded parts are generally able to be painted and bonded without the post cleaning operations usually required when using conventional external release agents.

### Application Instructions

1. **To Resin:** Add 0.5-1.0%\* by weight of Chemlease® IM02 to the resin and mix until the product has been homogeneously blended.
2. **Mold Preparation:** Clean molds with Chemlease® Mold Cleaner. If molds are porous, seal with Chemlease® 15 Mold Sealer. Apply two to three coats of Chemlease® PMR or Chemlease® 41-90 Semi-Permanent Release Agent to help condition the mold to the internal system. Please contact a Chemlease® technical representative for specific recommendations.

### Note

The usage of internal release agent may adversely impact the overall properties of the finished part. Therefore, it is the users' responsibility to determine if there are any adverse effects to part quality determined through experimentation

### 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.*