

technical data



PLASTICS RESEARCH LABORATORIES, INC.
MOLD RELEASES & INTERNAL LUBRICANTS

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MOLD WIZ

WB-640

General: A liquid external release agent that dries at room temperature forming a mono-molecular film which adheres by absorption to the mold walls and has no affinity for the resin. This selective adhesion prevents the film from easily being torn off by the demolded part resulting in numerous demoldings per release application without any necessity for washing the mold. Will not interfere with any secondary operations such as decorating, bonding, or painting.

Use: All types of Polyurethane,
Polyester, Vinyl ester,
Natural and Synthetic Rubber.

Composition: A complex emulsion of organic phosphate esters, synthetic resins and modified fatty acids with wetting agents and surfactants in a water vehicle.

TYPICAL PROPERTIES:

| | |
|--------------------------|----------------------------|
| SOLIDS: | 6.0 –7.0% |
| COLOR: | White |
| SPECIFIC GRAVITY: | 0.994 @ 25°C |
| VISCOSITY: | <15 cps @ 25°C |
| pH: | 8.5 - 10.5 |
| FLASH POINT: | Non Flammable |
| SHELF LIFE: | Minimum of one year |

Application Instructions:

Clean mold with CLEAN WIZ. Spray a heavy coat to break-in the mold. Let it dry. Spray a thin coat (fine mist to dry film) and allow to dry completely with no moisture residue. Accelerate drying time by blowing hot air or by using heat lamps if necessary. Repeat whenever mold has been cleaned or as required to give mold release properties.

All information given by us about our products is based upon our tests and experience. It is intended for use by persons having technical skill at their own discretion and risk, and we assume no liability in connection with their use.

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