

technical data



PLASTICS RESEARCH LABORATORIES, INC.
MOLD RELEASES & INTERNAL LUBRICANTS

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MOLD WIZ INT-1230

General: A process aid additive with anti-static properties which is incorporated directly into the resin eliminating the need for an external mold release agent. Additional advantages include better resin flow, improved dispersion of other resin additives and faster cycle times. The complex polymeric nature of the process aid additive will not interfere with secondary operations such as printing or bonding.

**Use: Polyurethane Foam
Polyurethane Elastomers**

Composition: Proprietary synergistic blend of organic fatty esters and amine combined with hydrocarbon oil.

TYPICAL PROPERTIES:

EFFECTIVE INGREDIENTS:	100%
SOLIDS:	100%
COLOR:	Amber
SPECIFIC GRAVITY:	0.876 @ 25°C
VISCOSITY:	< 80 cps @ 25°C
REFRACTIVE INDEX:	1.4675
FLASH POINT:	405°F / 207°C
SHELF LIFE:	Minimum of one year

Application Instructions:

General: For best results, laboratory tests or pre-production trials should determine the optimum addition level. MoldWiz® Process Aid Additives are effective within a range of 1 to 10 parts per 1000 resin by resin weight. Always start an evaluation at 5 parts per 1000 (0.5%).

Mixing: Mix the additive in the resin side.

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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