

technical data

AXEL

PLASTICS RESEARCH LABORATORIES, INC.
MOLD RELEASES & INTERNAL LUBRICANTS

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MOLD WIZ INT-120IMC

General: A process aid additive and mold release with anti-static properties which is incorporated directly into the in-mold coating. It can eliminate the need for an external mold release agent on steel and aluminum molds. Composite molds require a mold release agent to seal the porosity and maintain the gloss of the molds. The complex polymeric nature of the process aid additive will not interfere with secondary operations such as bonding.

Use: In-Mold Coating Lubricant

Composition: Proprietary synergistic blend of sodium salt and triglyceride of fatty acids combined with wetting agents.

TYPICAL PROPERTIES:

EFFECTIVE INGREDIENTS:	100%
SOLIDS:	100%
COLOR:	Amber
SPECIFIC GRAVITY:	0.940 @ 25°C
VISCOSITY:	600 – 900 cps @ 25°C
REFRACTIVE INDEX:	1.480
pH:	3.5 – 5.5
FLASH POINT:	>425°F / >219°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. Recommended addition level of process aid additive should range within 5-15 parts additive per 1000 parts in-mold coating by weight. (0.5-1.5 lb additive/100 lbs in-mold coating or 5-15 grm additive/1 Kg in mold-coating).

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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