

## technical data

# AXEL

PLASTICS RESEARCH LABORATORIES, INC.  
MOLD RELEASES & INTERNAL LUBRICANTS

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## MOLD WIZ INT-Z100

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**General:** A Process Aid Additive and mold release with anti-static properties which is incorporated directly into the resin eliminating the need for an external mold release agent. Improves resin flow and line speeds. An effective addition of process aid additive will not have any adverse effect on the cured resin. The complex polymeric nature of the process aid additive will not interfere with secondary operations such as decorating, silk screen printing, painting, bonding or plating

**Use:** Polyester, Vinyl Ester SMC/BMC.

**Composition:** Proprietary synergistic blend of phosphate esters.

### **TYPICAL PROPERTIES:**

<b>EFFECTIVE INGREDIENTS:</b>	<b>100%</b>
<b>COLOR:</b>	<b>Clear-pale yellow</b>
<b>SPECIFIC GRAVITY:</b>	<b>1.00 @ 25°C</b>
<b>VISCOSITY:</b>	<b>200 cps @ 25°C</b>
<b>pH (10% in water):</b>	<b>2.0</b>
<b>REFRACTIVE INDEX:</b>	<b>1.4460</b>
<b>SHELF LIFE:</b>	<b>Minimum of one year</b>

### **Application Instructions:**

**General:** For best results, laboratory tests or pre-production trials should determine the optimum addition level. MOLD WIZ Process Aid Additives are effective within a range of 1 to 10 parts per 1000 resin by weight, excluding reinforcements, pigments and fillers. High amounts of filler may require a higher percentage of process aid additive than the indicated maximum. Always start an evaluation at 5 parts per 1000 (0.5%). Too much additive may retard the cure. Reduce the level of additive or slightly increase the catalyst.

**Mixing:** Mix into resin prior to addition of catalyst, fillers, and other resin additives.

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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