

## technical data



PLASTICS RESEARCH LABORATORIES, INC.  
MOLD RELEASES & INTERNAL LUBRICANTS

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# MOLD WIZ INT-1285N

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**General:** A process aid additives with anti-static properties which is incorporated directly into the resin. Improves resin flow and wet out of fillers and reinforcements. An effective addition of process aid additives will not have any adverse effect on the cured resin. The complex polymeric nature of the process aid additives will not interfere with secondary operations such as printing or bonding.

**Use:** UV cured Polyester,  
Vinyl Ester and Acrylates

**Composition:** Proprietary synergistic blend of organic fatty esters and wetting agents.

### TYPICAL PROPERTIES:

<b>EFFECTIVE INGREDIENTS:</b>	<b>100%</b>
<b>SOLIDS:</b>	<b>100%</b>
<b>COLOR:</b>	<b>Pale Straw</b>
<b>SPECIFIC GRAVITY:</b>	<b>0.883 @ 25°C</b>
<b>VISCOSITY:</b>	<b>&lt;50 cps @ 25°C</b>
<b>FLASH POINT:</b>	<b>220°F / 104°C (C.O.C.)</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 amount of filler may require a higher percentage of process aid additives 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.

**In the event product solidifies under cold storage conditions it will be returned to its original liquid form by warming gently at 120°F for 2-3 hours.**

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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