

technical data



PLASTICS RESEARCH LABORATORIES, INC.
MOLD RELEASES & INTERNAL LUBRICANTS
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MOLD WIZ INT-1E15S

General: A process aid additive with surfactant properties which is added directly to the aqueous solution. The addition of this process aid additive gives the resin improved wetting properties of the paper or substrate being impregnated, reducing or eliminating voids and dry spots. The process aid additive will not interfere with adhesion properties between paper laminates. It will function as an excellent release agent causing the laminate to release easily and cleanly from the caul plate without leaving any residue. This product contains no silicone, no wax and no metallic stearates.

Use: CPL, HIGH SPEED LAMINATES.

**HIGH SPEED LAMINATES AND
CONTINUOUS PRESSED LAMINATES FOR
WATER BASED SYSTEMS.**

Composition: Proprietary emulsified product of organic fatty acids, esters and amine with wetting agents and surfactants in a water vehicle.

TYPICAL PROPERTIES:

SOLIDS:	14 – 16%
EFFECTIVE INGREDIENTS:	14 – 16%
COLOR GARDNER:	Cloudy Amber
SPECIFIC GRAVITY:	1.00 @25°C
VISCOSITY:	< 50 cps @25°C
pH:	8.0 – 10.0
FLASH POINT:	Non-Flammable
SHELF LIFE:	Minimum of one year

Application Instructions:

General: For best results, laboratory tests or pre-production trials should determine the optimum addition level. Use 0.5-2.0% additive based on solids of internal to solids of resin solution.

Caution: Contents may settle. Mix or Stir well before use.