

technical data

AXEL

PLASTICS RESEARCH LABORATORIES, INC.
MOLD RELEASES & INTERNAL LUBRICANTS

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MOLD WIZ INT-1E11S

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: Emulsion for water-based resin systems.

NOTE: Do not store this product below 65°F/18°C.

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

TYPICAL PROPERTIES:

EFFECTIVE INGREDIENTS:	11.5 – 13.5%
SOLIDS:	11.5 – 13.5%
COLOR GARDNER:	Pale Yellow
SPECIFIC GRAVITY:	0.980 – 1.020 @ 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 process aid additive to solids of resin solution.

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

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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