

technical data

AXEL

PLASTICS RESEARCH LABORATORIES, INC.
MOLD RELEASES & INTERNAL LUBRICANTS

Mailing Address: Box 77 0855, Woodside, NY 11377
Shipping Address: 58-20 Broadway, Woodside, NY 11377
Tel: 718-672-8300 • Fax: 718-565-7447
E-mail: info@axelplastics.com

MOLD WIZ INT-AM150

General: An internal lubricant with surfactant properties which is added directly to the aqueous resin solution. The addition of this internal lubricant give the resin improved wetting properties of the paper or substrate being impregnated, reducing or eliminating voids and dry spots. The internal lubricant 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.
Melamine, Acrylic, Phenolic and Urea Latex

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

TYPICAL PROPERTIES:

SOLIDS:	24.5 – 26.5%
COLOR GARDNER:	Clear Amber
SPECIFIC GRAVITY:	1.015 @25°C
VISCOSITY:	< 100 cps @25°C
pH:	8.5 – 10.5
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 0.25 - 1.0% process aid additive based on solids of additive to solids of resin solution.

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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