

technical data



PLASTICS RESEARCH LABORATORIES, INC.
MOLD RELEASES & INTERNAL LUBRICANTS

50 Cambridge Drive, Monroe, CT 06468

Tel: 718-672-8300 • Fax: 718-565-7447

E-mail: info@axelplastics.com

MOLD WIZ INT-15TBT

General: A process aid additive with anti-static properties, which is incorporated directly into the gelcoat eliminating the need for an external mold release agent. Some molds (FRP molds for instance) may require an external release agent to seal the porosity and maintain the gloss. An effective addition of process aid additive will not have any adverse effect on the cured gelcoat. 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 Gelcoat

Composition: Proprietary synergistic blend of organic fatty acids and esters combined with wetting agents.

TYPICAL PROPERTIES:

EFFECTIVE INGREDIENTS:	100%
SOLIDS:	100%
COLOR:	Amber
SPECIFIC GRAVITY:	0.930 @ 25°C
VISCOSITY:	15 - 105 cps @ 25°C
REFRACTIVE INDEX:	1.456 – 1.476
FLASH POINT:	420°F / 215°C
SHELF LIFE:	Minimum of one year

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 gelcoat by weight. Always start an evaluation at 0.5 parts per 1000 (0.5%). Too much additive may retard the cure. Reduce the level of additive or slightly increase the catalyst.

Mixing: Mix the additive in the gelcoat before catalyzing.

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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