

technical data



PLASTICS RESEARCH LABORATORIES, INC.
MOLD RELEASES & INTERNAL LUBRICANTS

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MOLD WIZ

INT-626HT

General: A process aid additive primarily for release, which is incorporated directly into the resin. Improves flow, dispersion of other additives, reinforcements, fillers, pigments, etc. INT-626HT eliminates the addition of all stearates or other release additives in the formulation. An effective addition of INT-626HT will not have any adverse effect on physical properties or secondary operations such as painting or adhesion.

Use: Unsaturated Polyester and Vinyl Ester Resin-based Bulk Molding Compounds (BMC) , Dough Molding Compounds (DMC) and Sheet Molding Compounds (SMC) catalyzed by organic peroxides
Effective at lower loading level typically used for Stearates.

Composition: Proprietary synergistic blend of organic fatty acids, esters and amine.

TYPICAL PROPERTIES:

EFFECTIVE INGREDIENTS:	100%
COLOR:	Yellow
SPECIFIC GRAVITY:	0.912 @25°C
pH:	N/A
VISCOSITY	100-300 cps @25°C
FLASH POINT	>300°F / >150°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 2.5 parts per hundred resin excluding reinforcements, pigments, fillers, etc. A high amount of filler may require an increased percentage of process aid additive. Axel recommends a starting evaluation of 1.5 phr.

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.

(06/NOV/2015)