

technical data

AXEL

PLASTICS RESEARCH LABORATORIES, INC.
MOLD RELEASES & INTERNAL LUBRICANTS

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MOLD WIZ AZN-O

General: A liquid external release agent that dries at room temperature forming a mono-molecular film which adheres by absorption to the mold walls and has no affinity for the resin. This selective adhesion prevents the film from easily being torn off by the demolded part resulting in numerous demoldings per release application. Without any necessity for washing the parts.

Will not interfere with secondary operations such as decorating, bonding, or painting.

AZN-O also protects metal molds from oxidation and rusting ; making it a useful coating to protect molds that are being stored.

Use: Thermoset Resins
Thermoplastics
Natural & Synthetic Rubber
Protective coating for metal molds

Composition: Proprietary resin solution of organic fatty acids, esters and wetting agents in hydrocarbon solvents.

TYPICAL PROPERTIES:

SOLIDS:	7.5%
COLOR:	Clear Amber
SPECIFIC GRAVITY:	0.802 @ 25°C
VISCOSITY:	< 15 cps @ 25°C
FLASH POINT:	<73°F / <23°C (C.O.C)
SHELF LIFE:	Minimum of one year
PACKAGING:	Bulk packaging (also available in aerosol)

Application Instructions:

AZN-O is available in 1-Gallon containers, 5-Gal Pails, and 55-Gallon Drums. It may be applied to hot or cold molds by spraying, wiping or brushing. Spraying with a fine mist is preferable because it eliminates wipe or brush marks and results in the smoothest finish with the fastest drying time. Polish wet with a 100% cotton cloth if high gloss is desired on molds.

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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