technical data

MOLD WIZ
INT-PUL-12

General: A process aid additive with anti-static properties which is incorporated directly into the resin eliminating the need for an external mold release agent. An effective addition of process aid additive will not have any adverse effect on the cured resin. 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 Vinyl Ester Modar™ Pultrusion Hot Press Molding Resin Transfer Molding

Composition: Proprietary synergistic blend of organic fatty acids, esters and amine combined with neutralizing agents.

TYPICAL PROPERTIES:

EFFECTIVE INGREDIENTS:	**100%**
COLOR:	**Cloudy Amber**
SPECIFIC GRAVITY:	**0.948 @ 25ºC**
VISCOSITY:	**200 - 300 cps @25ºC**
pH:	**7.5**
FLASH POINT:	**215°F / 102°C (C.O.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. MoldWiz® process aid additives are effective within a range of 1 to 10 parts per 1000 resin by weight, excluding reinforcements, pigments and fillers. High amount of filler may require a higher percentage of process aid additive than the indicated maximum. Always start an evaluation at 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 into the resin prior to addition of catalyst, fillers, and other resin additives.

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