



Mold Release Agents & Process Aid Additives

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Technical Data Sheet

MoldWiz®

INT-EQ6

Process Aid Additive

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INT-EQ6

General: A non-silicone process aid additive for use in all types of rubber processing which eliminates the need for any external release agent minimizing mold and machine cleaning time. Facilitates processing by increasing the flow characteristics and lubricating qualities of the rubber formulation without affecting its mechanical properties. The cured product can be readily glued, bonded, coated, etc. and there is no exudation or deterioration after prolonged storage. There is an increase in elongation percentage and tensile strength with many formulations.

Use: Thermoplastics: PBT, PET, TPU, PP, PE, PS

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

TYPICAL PROPERTIES:

EFFECTIVE INGREDIENTS:	100%
SOLIDS:	100%
COLOR GARDNER:	8 max.
SPECIFIC GRAVITY:	0.930 @ 25°C
VISCOSITY:	100 –160 cps @ 25°C
pH:	6.0 – 7.0
REFRACTIVE INDEX:	1.460
FLASH POINT:	280°F / 137°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 resin excluding reinforcements, pigments and fillers. A high amount of filler may require a higher percentage of process aid additive than the indicated maximum.

Thermoplastics: Always start an evaluation at 3 parts per 1000 (0.3%). The process aid additive may increase the MFI. If screw slippage occurs, lower the addition rate of the INT-EQ6. INT-EQ6 can be dry blended, metered directly, masterbatched, or compounded with the polymer(s).

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. (032020)