

Solutions for Epoxy Processing

- External Mold Release
- Internal Mold Release
- Semi-Permanent Mold Release
- *Uses Include:*
 - Open Molding
 - Compression Molding
 - Casting
 - Pultrusion
 - Pre-Preg



External Mold Release Agents

| | Product | Application | Use/Features |
|--------------------------------------|-----------------|-----------------------------|--|
| Semi-Permanent Release XTEND® | PR-20 Primer | Wipe or Spray | Primer for sealing porosity |
| | XTR Mold Sealer | Wipe on, rewet, buff off | Sealer for extending the life of the mold release |
| | 1110EP | Wipe on, wipe off or spray | High Performance for epoxies |
| | 832 | Wipe on, wipe off, or spray | General Purpose for epoxies, polyester, and vinyl-ester |
| Sacrificial Release MoldWiz® | F57-NC | Wipe on, and wet buff | Excellent for potting or casting compounds, porous masters, or low volume production |
| | WB-2700 | Wipe on, and let dry | Water-based for filament winding, and other non-cosmetic epoxy applications. |

Internal Process Aid/Mold Release

| | Cure Type | Product Name | Typical Application |
|-----------------|--|--------------------------|--|
| MoldWiz® | Aliphatic amines Example: DETA | INT-1846N2 | Neutralized to prevent acceleration of cure |
| | Phenolics & Aliphatic amines | INT-1850HT | For higher temperature processing >350°F/175°C |
| | Aromatic amines, MDA & non-MDA based | INT-1859B INT-1888LE | Medium-High temperature cures >450°F/230°C |
| | Acid anhydride Example: phthalic anhydride | INT-1890M INT-1888LE | Pultrusion and other processes |
| | Acid anhydride, w/ tertiary amine or imidazole Example: MTHPA | INT-1888LE INT-1846N2 | High temperature cures >350°F/175°C; pultrusion |
| | DICY (imidazole accelerated) | INT-1324B INT-1888LE | Pre-preg or wet systems |

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