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Additives for PULTRUSION

Release agents – Additives – Processing aids

silicone- and wax-free ■ environmentally beneficial ■ solvent-free

PAT[®] Release agents and lubricants

- For all types of resins including: Polyester, Epoxy, Acrylic, Vinylester, modified Polyester (Modar), Polyurethane
- Perfect release from the die
- Excellent lubrication, pulling-force reduced up to 30% and more
- Reduced energy consumption, reduced die maintenance
- Improved wetting of fibers and fillers due to lower viscosity for highly filled systems
- No reactions with fillers (e.g. Calcium-carbonate)
- Improved physical properties of the final product
- Perfect surfaces, lacquering and gluing without pretreatment
- No blooming
- For all dimensions and cross sections
- Also works as corrosion protection for the dies
- Environmentally friendly, non-toxic
- FDA compliant grades available

PAT[®] Reactive solvents for Epoxy resin

- Exact adjustment of viscosity
- Complete crosslinking with the resin
- No emissions, no fogging
- Improved wetting of fibers and fillers
- Environmentally friendly, non-toxic

PAT[®] Crosslinking accelerators

- For polyester and alkyd resins
- Increases velocity of crosslinking
- Faster production, higher throughput
- Environmentally friendly, non-toxic

Cleaning agents

- Easy removal of resin deposits
- pH-neutral
- Water-soluble
- Biodegradable

ALL PRODUCTS ARE FREE OF SILICONE AND ARE USED IN ALL AREAS OF COMPOSITES APPLICATIONS INCLUDING AEROSPACE