

Low Profile Laminating Resin



Savings

Glass Cost

Use standard chop gun glass, avoiding high costs of specialty glass for closed mold systems.

Demold Time

No extra hassle with removing, cleaning, and prepping the B-side of an RTM mold.

Equipment

No need for specialty pumps, vacuum pumps, or vacuum lines. Use a standard fiberglass chop gun for processing.

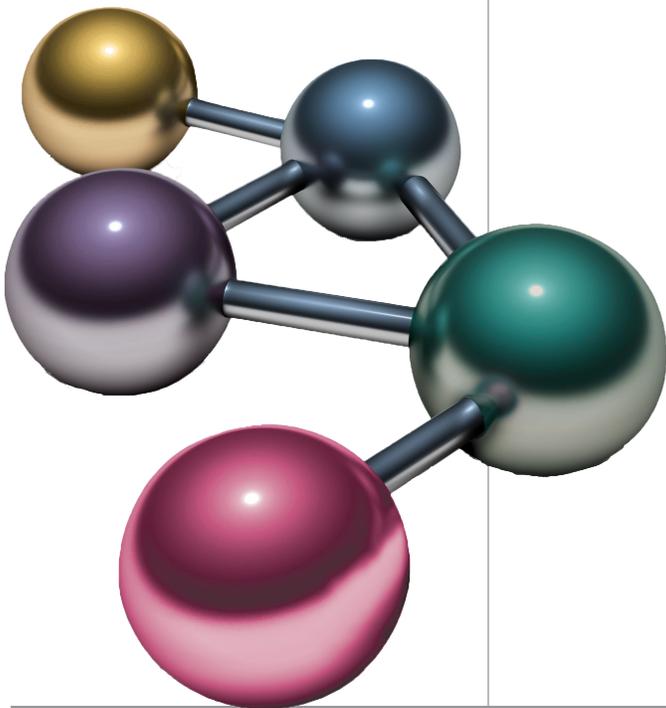
See the Difference

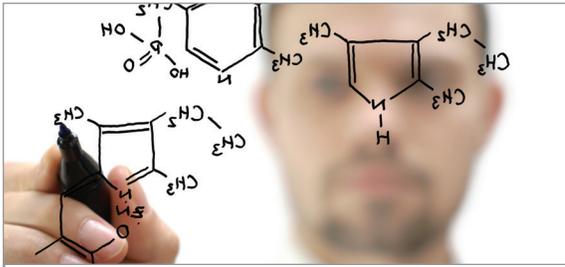
Interplastic now offers an exciting new Low Profile Laminating Resin that provides excellent surface quality to easily achieve Class "A" cosmetics surface.

COR61-254-461 features high flexibility and a 33% faster turn-around time which may result in up to four mold turns per day compared to two turns with traditional RTM processing. You can use your existing open mold operation floor space, personnel and equipment. This resin is designed for various markets including marine (above water line), transportation, and general fabrication.

Other Low Profile Laminating Resin benefits include:

- **Ambient Cure** - Due to the special chemistry used in this system, the resin will cure at ambient temperatures. There is no need for high priced specialty initiators. Normally part thickness needs to be above 1/8" to achieve phase over. This system will phase over as low as 1/16" thickness.
- **Initiators** - This resin uses standard methyl ethyl ketone peroxides (MEKPs). For example, MEKP-925 or equivalent peroxides, works well in this system. High priced specialty initiators are not needed.
- **Mold prep** - Eliminates the time-consuming cutting and loading of specialty Resin Transfer Molding (RTM) flow mats. Just chop and go.





Product Experience

Heat Distortion

This system has a lower neat resin Heat Distortion Temperature than standard spray up polyester resins, 145°F (63°C) vs. 182°F (83°C). Proven not to be a concern as testing indicates good field product performance.

Processing

The resin sprays and rolls out somewhat differently than a standard general purpose, spray up laminating resin. Still, this system processes far faster than an LP RTM system.

Price

Though higher in price, this resin provides lower overall cost when considering less post-mold processing, sanding and repairs, etc. If your customers desire Class "A" cosmetics, then this is the system for you.

Thickness

Chop gun operators & rollers must determine appropriate part thickness. With closed mold systems, the thickness is set by the A and B molds.

Initiator

The recommended initiator and level is 1.75% (by volume) MEKP-925, or equivalent peroxide. This combination works best for fastest cure times. At the recommended shop temperature of 75°F (24°C) parts can be demolded in approximately two hours.

LP Radius Putty

When finishing the part, often a putty is used in conjunction with the resin. To get a great match to excellent cosmetics of your primary part we highly recommend PF-610-PMMN because of its excellent compatibility with this resin.

A World of Materials

The best products arise from the best materials, and Interplastic offers a wide selection:

- Vinyl Ester Resins
- Isophthalic and Terephthalic Corrosion-Resistant Resins
- Fire-Resistant Resins
- Laminating Resins
- Pultrusion and Filament Winding Resins
- Polymer Concrete Resins
- Low-VOC Resins
- Cured-In-Place Pipe (CIPP) Resins
- Vacuum Infusion and RTM Resins
- Sheet Molding/Bulk Molding Resins
- Marble/Onyx Resins
- Standard and Custom-Colored Gel Coats
- Solid-Surface Resins
- Tooling Resins and Gel Coats
- Rigid- and Flexible-Panel Resins
- Clear Casting Resins
- Surfboard Resins
- Colorants
- Putties

The essence of Interplastic is our ability to adapt these materials to meet your unique needs. We have the expertise to provide the materials that are best for your specific application—the material that will make your product significantly better than those of your competitors.



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