

# Custom Molding Services

## 50 Years of Experience in Clear Optical and High Aesthetic Injection Molding and Metalizing

- Lighting
- Automotive
- Medical
- Display
- Marine
- Transportation
- Sporting Goods
- Aviation



	Charlevoix, MI	Dickson, TN	Monterrey, MX	
ISO9001/2015	•	•		
Injection Molding	•	•	•	80-1,650 Ton Presses; Shot Size 4-60oz; Mold Base up to 60"
Optical Molding	•	•	•	For automotive, medical lighting and marine signal lighting
Edgelit Molding	•	•	•	Standard sizes include 48" x 12", 24" x 12", 24" x 8" and 24" x 24".
Optical Silicone Molding	•		•	Mold bases up to 24" x 24"; Parts up to 20" x 20".
Compression Molding			•	SMC or BMC, 300 to 1000 tons; Max Weight 15 lbs; Max Size 8 ft
Acrylic, Polycarbonate, ABS, Nylon	•	•	•	Open to other materials
Metalizing	•	•		Two-Chamber/Batch Vapor Deposition and sputter with in chamber HMDSO
UV Coating		•	•	UV Protective coatings
Painting	•	•		First and second surface
Laser Cutting	•		•	Laser cut sheet, light guides, degating
Optical Coordinate Measuring Machine (CMM)	•			CMM for part mapping
Tooling Design	•			Mold building, prototype molds, machining, CNC, lathe, polish
Mold Maintenance	•	•	•	
Product Testing	•			Absolute and relative photometry, UV and heat testing
Warehousing and Logistics	•	•	•	Strategically located near industry centers and transportation hubs. EDI order processing.

**A.L.P.**®

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AN A.L.P. BRAND

For custom molding inquiries, contact Tom Barnes (231) 547-1473  
Customer service: 877-257-5841 • [www.alpadvantage.com](http://www.alpadvantage.com)