

Contact Us Today

Makray Manufacturing Co.

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MAKRAY

Precision Plastic Injection Molding Services

SLICKERY

This self blooming lubricant was designed by Makray for applications that require long term lubricity without end-user input/maintenance.

OUTSOURCE PARTNERS

Chrome plating, thermoforming, plastic fabrication, 3D modeling, prototyping, and tool building can all be achieved through one of our partners.

ECO-FRIENDLY

Makray utilizes eco-friendly resins and utilizes high efficiency molding presses that produce less waste and quick turnaround time.

ASSEMBLY & PACKAGING

- UL Certified Electrical Assembly
- Potting
- Spin Welding
- Hot Plate Welding
- Vibration Welding
- Cell Manufacturing & Assembly
- Ultra-Sonic Welding
- Riveting
- Heat Staking
- Soldering
- Post Mold Inserts
- Customized Assembly Equipment
- Drilling
- Labelling
- Retail Packaging

MOLDING TECHNOLOGY AND CAPABILITIES

- **27 Presses From 170 to 1500 Tons Capability**
- Robotic Handling and End of Arm Tooling
- Over Molding
- Gas Assist Injection Molding (GAIM)
- In Mold Labelling and Decorating
- High Speed Molding
- Thin Wall Molding
- Sequential Valve Gating
- Oversize Barrels



RESIN EXPERIENCE

- Polycarbonate (PC)
- Polyester
- PCABS
- ABS: LG GP - ABS: FR
- Nylon 6/6 – Nylon 6 Glass Fill
- PP Talc Filled – PP Calcium – PP Clarified
- Polyethylene (PE)
- Calcium – PP Clarified
- Polyethylene (PE)
- Polystyrene (PS)
- Low Density Polyethylene (LDPE)
- Acetal
- PVC – SAN – TPE – TPR
- Reprocessed Polypropylene (PP)

DESIGN AND ENGINEERING CAPABILITIES

- Mold Flow Analysis
- First Article Inspection (FAI)
- Prototyping – SLA / 3D Printing
- ***Makray boasts both domestic and international tooling partners.***

IN-HOUSE CUSTOM DECORATING CAPABILITIES

- Carded Labels
- Decals
- Hot Stamping
- Heat Transfer
- Pad Printing
- Silk Screening
- Rotary Silk Screening
- Painting / Mask and Texture / Decorative