We do development differently

INJECTION MOLDING
Injection Molding

Teel Plastics is proud to offer injection molding capabilities to complement its extrusion services. Teel is bringing the same material expertise, attention to detail, development experience, and world-class customer service to the injection molding market that its loyal customer base enjoys. Teel is focused on injection molding for regulated markets, including medical, cosmetics, and water treatment. Reach out today to see what Teel can do for you.

Machine Capabilities

- Four machines with thermoplastics molding capability, ranging from 110 to 350 ton and shot sizes from under 5 ounces to over 2 pounds.
- Multi-cavity molds up to 64.
- Electric machines for precision molding applications.
- Hydraulic machine for high-speed applications, reaching sub four second cycle times.

Material Capabilities

- Capable of running any high temperature or engineering grade materials, including FEP, PFA, and PEEK.
- Capable of running elastomers, including soft TPE and urethane materials.
- Capable of running standard fillers, like calcium carbonate and talc, as well as long aspect ratio and reinforcing materials like glass and carbon fiber.

Automation

- Linear robotics for part removal, palletizing, or automated insert loading.
- Robotics cable of integrating into a secondary assembly system.
- Custom packaging configurations available, including orientation and tray loading.

Development Capabilities

- Mold flow analysis standard prior to development and mold build for warp and defect prediction.
- 3D printed insert technology for rapid prototyping in the specified material.
- Mold builders from a local network with recognized expertise.
- Established mold certification procedures, including IQ/OQ/PQ support to confirm process capabilities.

We have a team of dedicated and experienced engineers that are capable of working with your team on design, development and realization.

Learn more today at www.teel.com.