Nicolet Plastics Highlights Availability in Custom Injection Molding

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JACKSON, WI - August 25, 2026 -
Nicolet Plastics LLC, a Wisconsin-based manufacturer with four decades of experience, today announced available capacity for custom plastic injection molding. The company operates with a focus on precision, repeatability, and material expertise that supports both prototype development and full-scale production runs.

Nicolet Plastics custom injection molding capabilities encompass a broad spectrum of thermoplastic resins and engineered polymers. The company maintains equipment ranging from small-tonnage presses suited for intricate components to larger machines capable of producing structural parts, allowing it to serve diverse manufacturing requirements under one roof.

"Our team brings deep knowledge of resin behavior, tooling design, and process optimization to every project," said Bryce Huggins, Business Development Leader of Nicolet Plastics. "That experience, built over 40 years in this industry, translates into consistent part quality and fewer production issues for our customers."

The injection molding process requires careful attention to variables such as melt temperature, injection

pressure, cooling time, and mold geometry. Nicolet Plastics employs scientific molding principles to establish and maintain process parameters that yield dimensionally accurate parts with minimal variation across production cycles. This methodology reduces scrap rates and shortens time to market for new product introductions.

Material selection represents a critical phase in any injection molding program. The company works with commodity resins such as polypropylene and ABS as well as performance-grade materials including glass-filled nylon, polycarbonate blends, and thermoplastic elastomers. Engineering staff consult with clients during the design phase to recommend materials that meet mechanical, thermal, and chemical resistance requirements while remaining cost-effective for the intended production volume.

Tooling development is another area where the company applies its accumulated expertise. Nicolet Plastics collaborates with mold makers to ensure that tool designs account for factors such as gate placement, parting line location, draft angles, and venting. Proper mold engineering at the front end of a program helps prevent defects including sink marks, warpage, and short shots during production.

"We treat every mold as a long-term asset," Huggins said. "Getting the tooling right from the start means our customers see better part consistency and lower maintenance costs over the life of the program."

The company serves original equipment manufacturers and contract manufacturers that require reliable supply of molded components. Production capabilities include insert molding, overmolding, and multi-cavity tooling configurations. Secondary operations such as assembly, pad printing, and ultrasonic welding allow Nicolet Plastics to deliver finished components rather than individual parts, simplifying the supply chain for its customers.

Quality control procedures are integrated throughout the manufacturing process. The company utilizes statistical process control to monitor critical dimensions during production runs. Inspection protocols include first-article verification, in-process checks, and final inspection before shipment. This systematic approach to quality management supports compliance with industry specifications and customer-specific requirements.

Workforce development plays a role in maintaining manufacturing consistency. Technicians and press operators at Nicolet Plastics receive ongoing training in process setup, troubleshooting, and quality standards. Retaining experienced personnel contributes to institutional knowledge that benefits complex or tight-tolerance molding programs.

The plastics injection molding sector continues to evolve with advances in resin technology, automation, and simulation software. Nicolet Plastics incorporates mold flow analysis into its engineering process, enabling the team to predict and address potential issues before steel is cut. This digital tool complements the

hands-on expertise that comes from decades of production experience.

Manufacturers evaluating injection molding partners weigh factors including technical capability, production capacity, quality systems, and responsiveness. Nicolet Plastics positions itself as a domestic source for molded components, offering the advantages of proximity, communication, and intellectual property protection that come with domestic manufacturing partnerships.

The company operates its custom plastic manufacturing operations from its facility in Mountain, Wisconsin, where it maintains a controlled production environment suited for consistent plastic part manufacturing. Equipment maintenance schedules and facility investments support uninterrupted production for customers with ongoing volume requirements.

For more information about Nicolet Plastics and its injection molding services, visit the company website.
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Nicolet Plastics

Nicolet Plastics is a supplier of choice for companies who require expertise in the molding of complex parts out of both commodity and engineered resins.

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