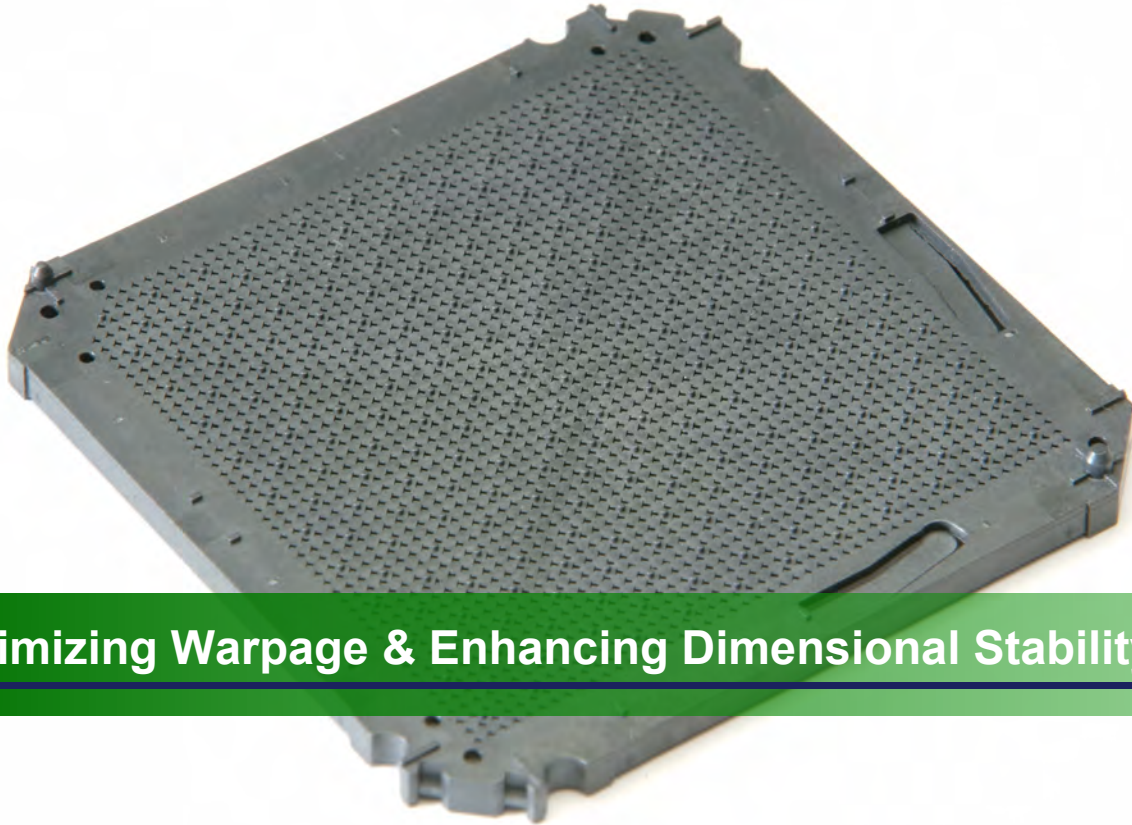




MICRO MOLD, Co., Inc.



PLASTIKOS, INC.
Custom Injection Molding



Minimizing Warpage & Enhancing Dimensional Stability

A part design that consists of a thick perimeter that surrounds a thin wall can be inherently difficult for any application; the project becomes impossible for most when combined with 2,296 individual circuits. Plastikos and Micro Mold knew this project would not come without some major hurdles; however we were determined to bring this product to market.

One obstacle that required immediate attention was the extremely intricate circuit design coupled with thin wall sections. The combination of which made the use of separate ejector blades and core pins impossible. Instead, Micro Mold burned the circuit design onto the ejector blades in order to make the impossible. This extremely rare and difficult feat due to the level of precision required.

Once the tool was perfected, it was the responsibility of Plastikos to ensure that a quality part could be made. Originally, unacceptable warpage and dimensional instability plagued the part; however, Plastikos worked hand-in-hand with our customer in order to optimize the part design, material selection, and the gate configuration. The collaborative approach was essential to successfully bringing this product to market.

Our customer's response:

"I just want to express my sincere thanks and also commend your entire team for pulling the R&D project together and executing. I cannot even begin to relate to you how impressive both Micro Mold and Plastikos are to me."

– Valued Customer

Make the Impossible.

A foundation of service, advanced engineering, quality and delivery since 1978.