



Plastic Injection Molds

> Selective preservation of surface topography

The unique ability of the Micro Machining Process (**MMP**) to selectively target surface roughness in an injection mold can dramatically impact the performance of the mold and the quality of the parts being molded.

> Technical benefits of using **MMP**

- Easier part removal from mold
- Faster cycle times
- Reduced mold fouling / fewer mold maintenances

> **MMP** advantages

- Well suited for use on complex geometries
- Reduced lead-times for mold finishing
- Scalable to large cavity count molds



> Applications

- Threaded caps
- Pre-forms
- Consumer goods packaging (bottles, applicators, etc.)
- Automotive lighting systems
- Medical components



MMP



Cap molds (injection mold cores for threaded caps)



MMP



Plastic injection mold



