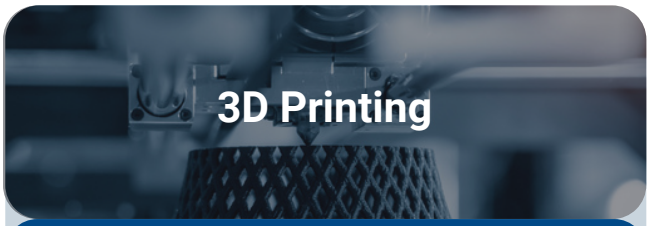
3D Printing vs. Injection Molding Plastics



3D Printing

Unit Volumes	Cosmetics
1 - 50,000	Requires Secondary

Cycle Time	Tooling Cost
Days	$0

Modifications

Print on Demand

Part Complexity

Low to High

Precision

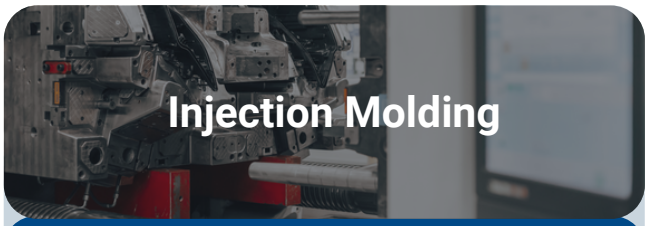
Low to Medium

Repeatability

Low to Medium

Product Lifecycle - Ideal For

- Prototyping
- Validation
- Bridge Production
- Low to Mid-Volume Production
- Obsolescence / Spare Parts



Injection Molding

Unit Volumes	Cosmetics
100 - 100,000+	Molded-In or Secondary

Cycle Time	Tooling Cost
Weeks	$5K - $50,000+

Modifications

Requires Mold Modifications

Part Complexity

Low to High

Precision

High

Repeatability

High

Product Lifecycle - Ideal For

- Validation
- Bridge Production
- Low to Mid-Volume Production
- Spare Parts

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