

	3D printing with HP 4200	Injection Molding
Quantities	Small Parts: 25,000 parts or fewer Medium parts: Few thousand or fewer 1 offs	25,00 Parts+ All Larger part quantities
Costs	Just Price per Piece  NO UPFRONT COSTS	Cost for Mold (Upfront cost): 10,000-50,000 Price Per piece:
Lead Times	Design to Print For larger quantities Small parts: 1-2 weeks Medium Parts: 1-2 Months 4 weeks all together for large quantities on average	Design Part Design the Mold Make the Mold: 1-3 months Fixing Mold: 1 month Produce Parts: 1 week Over 17 weeks on average
Quality	High quality, uniform layers for part repeatability. Black or Grey Nylon 12 GF 40% Nylon 12 PA +-.005 tolerences	High quality Different Colors Different Materials
Size	Small and medium parts 15 x 11.2 x 15" size build volume	Small to large parts
Markets	Highly Customizable Parts Highly intricate parts Start Up companies Small production runs Any market	Large Quantities Not customizable Any market