

# Forming Processes?



Need Help in Choosing the Right Process for your Poject? **Here's the facts.**

Process	Initial Tooling Cost	Tooling Material	Time to Market
Pressure Forming	\$\$	Aluminum	Weeks
Vacuum Forming	\$	Aluminum	Weeks
Injection Molding	\$\$\$\$	Steel or Aluminum	Months
Structural Foam	\$\$\$	Steel or Aluminum	Months
Sheet Metal Fabrication	N/A	N/A	Weeks
Fiberglass	\$	Wood / Epoxy	Weeks
Rotational Molding	\$	Aluminum	Weeks
Blow Molding	\$\$\$	Wteel or Aluminum	Months

Process	Material Options	Part Detail	Volumes
Pressure Forming	Several	Tool Surface Only	Low - Mid - High
Vacuum Forming	Several	tool Surface Only	Mid - High
Injection Molding	Several	Two Sides	High
Structural Foam	Several	Two Sides	High
Sheet Metal Fabrication	Few	Two Sides	Mid - High
Fiberglass	Few	One Side	Low - Mid
Rotational Molding	Few	Two Sides / Hollow	Low - Mid
Blow Molding	Several	Two Sides / Hollow	Mid - High



PRODUCTS / INC  
.....plastics

1700 Chablis Avenue, Ontario, CA 91761  
PH: 909-390-9906 · FAX: 909-390-9984



[www.rayplastics.com](http://www.rayplastics.com)