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Injection Molding, Thermoset Molding, Insert Molding, CNC Machining, Mold Construction, Automation Equipment & Fixtures

## Thermo-Set Material Selection Guide

<b>Resins:</b>	<b>Generic Names:</b>	<b>Description:</b>	<b>Examples:</b>	<b>Average Cost:</b>
Phenolic	Phenolic	Hi Temperatures Low Smoke Emission Hi Chemical Resistance	Pot & Pan Handles Hi Voltage Connectors D.C. Motor parts	.79 To 2.25 \$/#
Melamine Phenolic	Melamine	Variety of Colors Hi Temperatures Low Smoke Emission Hi Chemical Resistance	Dishes / Plates Switch I.D. buttons Engine parts	1.00 to 10.00 \$/#
Diallyl Phthalate	D.A.P.	No to low Out gassing Hi Temperatures Low Smoke Emission Hi Chemical Resistance	Hi End Connectors Insert Molded Switches Hi Voltage Connectors	1.00 to 3.50 \$/#
Bulk Molding Compound	B.M.C.	Pasty Bulk Compound Hi Temperatures Thick Wall Sections Colors & Strength	Hi Voltage Connectors Insulator Bushings Appliance Housings Table Stands	.80 to 3.00
Epoxy	Epoxy	Several Different Formulas Low to None Out gassing Hi Temperatures Low Smoke Emission Hi Chemical Resistance Strong Resistance to Thermo Shock	Arrow Space Connectors Medical Implants Potting Encapsulations "B" Stage Adhesive	9.00 To 30.00 \$/#
Silicone	R.T.V.	Hi Temperature LO & variable Udometers Some Colors	600 Deg. F. Insulators Seals & Gaskets Pad & Strip Bumpers	5.00 to 70.00 \$/#