

Parameters should be identified which will be used to design the system. If ranges are given, worst case conditions will be calculated.



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**PLASTICS & FORMING
 QUESTIONNAIRE**

INDICATE ACTION REQUIRED:		STATUS OF THIS PROJECT:	
<input type="checkbox"/> Firm Quotation	<input type="checkbox"/> Budget Quotation	<input type="checkbox"/> Feasibility Study	<input type="checkbox"/> Definite Requirement This Year
<input type="checkbox"/> Laboratory Test	<input type="checkbox"/> Process Evaluation	<input type="checkbox"/> Requirement in Next <input type="checkbox"/> Years	<input type="checkbox"/> Other _____

Company name: _____ Date _____
 Address _____ City _____ State _____
 Name: _____ Title _____
 Telephone: Office _____ Mobile _____ Fax: _____
 Email _____ Website _____

➤ Process: Vacuum Forming Press Forming Thermoforming Drape Forming Printing
 Coating Laminating Other _____

➤ Product to be heated - Type of Plastic _____

➤ Weight of base product and thickness per Sq Ft or Thickness _____

➤ Special characteristics _____

➤ Coating to be applied and type _____ % Solids _____

➤ Solvents: Water _____ Other _____

➤ Evaporation Rate _____

➤ Method of Application _____

➤ Application weight and thickness: _____ Thickness wet _____ Thickness dry

➤ Forming temperature _____ Critical Temperature _____

➤ Moisture content: Entering _____ % Exiting _____ % Reduce to _____ %

➤ Product width/size: Nominal _____ Max _____ Min _____ Design _____
 Length _____ Width _____ Depth _____ Design _____

➤ Present production/Index speed _____ Design production/Index speed _____

➤ Existing process equipment: Type _____

Manufacturer _____

KW rated _____ Consumption/hr _____

BTU/hr rated _____ Consumption/hr _____

➤ Other Information _____

- Energy Cost: Electricity: \$ _____ per KWH, Demand: \$ _____ per KW
Natural Gas: \$ _____ per Therm or \$ _____ /MCF
Propane: \$ _____ gallon (71,000 BTU per gallon)
- Temperature rise of product: Entry _____ deg F, Exit _____ deg F, Increase _____ deg F
- Available space: Direction of flow: _____ Height _____ Width _____
- Plant Voltage (s) _____ Service Capacity (amps) _____
- Insurance Carrier - Is approval required for installation? _____
- Limiting factors such as critical product temperature, process parameters, etc:

- Other design considerations:

- Please sketch location for proposed equipment:

- Briefly describe why there is a need for a change in equipment:

Note: In order to exactly determine your Casso-Solar Technologies Heater System, please include samples of your product for testing in our laboratory, with MSDS information, if applicable. A finished sample should also be included as a standard to compare the test samples. Please also include your test for a satisfactory product.