

THERMOFORMING



Production capacity/annum

19 Million Cups

Production process

Manufacturing of cups, saucers, glasses etc. is carried out of High Impact Polystyrene Extrusion Grade Thermoforming Sheet. The thermo forming sheet is fed through a series of heater placed both on top and bottom. The heated thermoform sheet is then send into the moulds for formation of required shapes. The formed product is ejected out and collected in a basket.

Process flow chart



Machinery & equipment required

- Thermoforming Machine
- Air Compressor
- Chilling Plant
- Weighing Machine.

Raw material/consumables required

 High Impact Polystyrene Extrusion Grade Thermoforming Sheet.

Utilities required:

Power required (load) . : 40 KW Water required (per shift basis) : 500 Liters



Man power required

Skilled : 1 No.Semiskilled : 4 Nos.

Area required

Total Area : 100 Sq. Mtr. Covered Area : 60 Sq. Mtr.

Investment required

Machinery & Equipment Working Capital for 3 Months (Raw material, utilities & salary)

₹45.30 Lakhs



116

For further information and details about starting a new enterprise and Detailed Project Report(DPR), you may contact NSIC Training Cum Incubation Cell at NSIC-TSC, Okhla Industrial Estate, New Delhi 110020.

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