

## BAKELITE ELECTRICAL ACCESSORIES

### 1. INTRODUCTION

In electrical industries, bakelite is mainly used as an insulation material in products like switches, plugs, DP switches, sockets etc. Bakelite powder can be moulded in any shape on heating and passed in a suitable die to get the shape.

### 2. RAW MATERIALS

Bakelite powder, brass parts, contact tips, spring, packing materials etc.

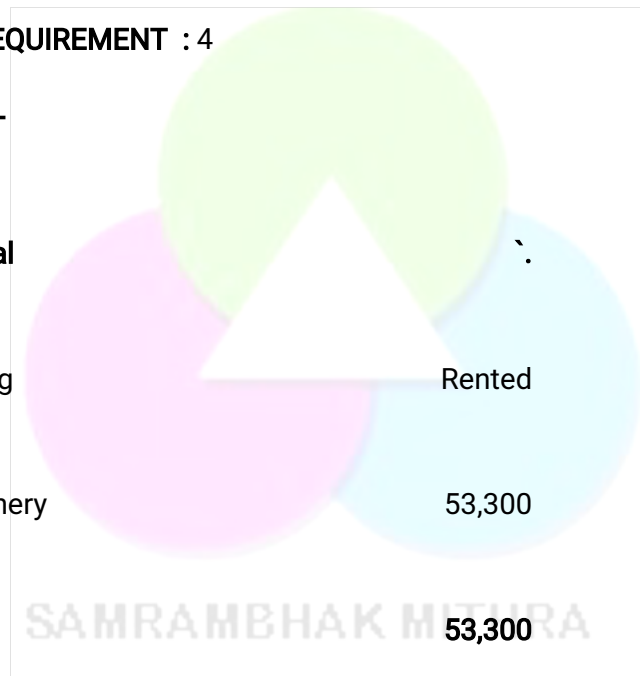
### 3. MANPOWER REQUIREMENT : 4

### 4. PROJECT COST

#### A. Fixed Capital

Land & Building

Plant & Machinery



#### B. Working Capital (per month)

Raw Material & Packing 30,000

Salary & wages 3,500

Other expenses 4,000

37,500

**Total (A+B)**

90,800

## 5. COST OF PRODUCTION

Production cost (per annum) 4,50,000

Depreciation on machinery 5,330

Interest on investment 23,090

**Total 4,78,420**

## 6. PROFITABILITY

Sales turnover 6,00,000

Production cost 4,78,420

Annual profit 1,21,580

Percentage of profit on Investment 92.86%

**Market potential :**

These products have got a wide scope and are very much suited in backward area which requires little skill, less capital investment and raw material is freely available.

**Annual Production capacity :**

- 1 Flush type single way / two switches 5 ampsX250 volts - 1500 gross
- 2 Flush type 3 pin socket 5 ampsX250 volts - 300 gross
- 3 3 pin plug top 5 ampsX250 volts - 300 gross
- 4 Flush type 3 pin switch plug combination 5 ampsX250 volts - 400 gross
- 5 Double pole switch 15 amps and 30 amps 250 volts grade - 300 gross

**List of Plant, Machinery & equipment :**

- 1 Hand operated bakelite moulding machine, 50 tons capacity
- 2 Buffing machine
- 3 Rivetting press
- 4 Electrical bench grinder
- 5 Electrical drilling cum tapping machine
- 6 Hand tools such as screw drivers, pliers, wrenches etc.



SAMRAMBHAK MITHRA