

## PLASTIC FLASH LIGHT TORCHES

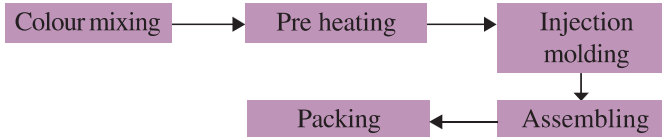


**Production capacity/annum** 300 Thousand pieces

### Production process

The plastic flash light torch cases are manufactured from thermoplastic materials such as high-density polyethylene, polypropylene etc. Feeding the raw material into the hopper of Plastic Injection Molding machine, the molten metal is injected through the dies. The moulds are cooled, opened and pieces are ejected and finished

### Process flow chart



### Machinery & equipment required

- Fully automatic Injection Molding with hydraulic die closing
- Set of molds
- Electro plating plant
- Metal fabricating unit (for bulb holder and springs)

### Raw material/consumables required

- Polypropylene/HDPE –80 kg PP/HDPE
- Brass Stripes
- Spring Steel Wires
- Miniature Bulbs

### Utilities required

Power required (load) : 60 KW  
Water required (per shift basis) : 200 litres

### Manpower required

Supervisor	:	1 Nos.
Skilled	:	4 Nos.
Unskilled	:	6 Nos.

### Area required

Total Area	:	500 Sq. Mtr.
Covered Area	:	450 Sq. Mtr.

### Investment required

Machinery & Equipment	:	} ₹ 48.86 Lakhs
Working Capital for 3 Months (Raw material, utilities & salary)	:	

