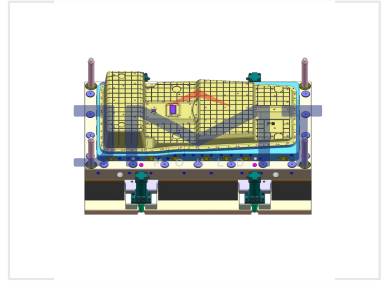
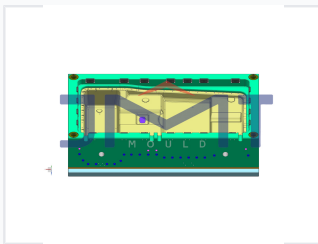


# Electrical Appliance Mould

This precision-engineered mould is designed for manufacturing electrical appliance components. It is constructed from durable materials for long-lasting performance in various plastic injection moulding processes.



## ADDITIONAL IMAGES



## Product Overview

### High-Performance SMC Compression Moulding

This electrical appliance mould utilizes Sheet Molding Compound (SMC) technology to produce high-strength, complex components with exceptional repeatability. By using matched metal dies in a hydraulic press, the process delivers net-size parts with two finished surfaces, significantly reducing the need for secondary trimming or finishing. Designed for industrial efficiency, this solution supports in-mold coatings and vacuum systems to enhance surface quality and paintability.

## Technical Specifications

Molding Process	SMC Compression Molding
Molding Pressure	2000 psi
Cycle Time Range	1 - 5 minutes
Material Composition	Polymer Resin, Inert Fillers, Fiber Reinforcement, Catalysts, Pigments, Stabilizers, Release Agents, Thickeners

## Key Features

### Design Features

- Ribs
- Bosses
- Inserts
- In-mold coatings
- Vacuum system integration

### Production Advantages

High Strength • Net Shape • High Repeatability • Minimal Trimming • Customizable Color

## Performance Metrics

### Production Metrics

**2000 psi**

Max Pressure

**5 min**

Max Cycle Time