

Customized Plastic Injection Mold for Packaging Case

Basic Info

Runner: Cold Runner

Design Software: Pro-E

Installation: Customized

Certification: TS16949, ISO

Standard: DME Customized: Customized

Shape Type: Injection

Mold Material: Nak80, Steel 20, 1.2738 and So on

Part Material: ABS, PVC, PC, PA6, POM and So on

Tool Machine: CNC, CNC-Wirecut, E.D.M, Milling, Grinding

QC Machine: 3D Measurement, Profile Projector

Drawing Format: STP / X-T / Igs / Dwg

Dimension Tolerance: ISO02768

Mould Life: 0.3 Million Shots- 1million Shots

Export Country: Over The World

Trademark: ABIS

Transport Package: Customized

Specification: customized

Origin: China

HS Code: 8477409000

Mold or die are the common terms used to describe the tool used to produce plastic parts in molding.

Since molds have been expensive to manufacture, they were usually only used in mass production where thousands of parts were being produced. Typical molds are constructed from hardened steel, pre-hardened steel, aluminum, and/or beryllium-copper alloy.

Injection molding consists of high pressure injection of the raw material into a mold which shapes the polymer (plastic) into the desired shape

Material for the part is fed into a heated barrel, mixed, and forced into a mould cavity, where it cools and hardens to the configuration of the cavity. After a product is designed, usually by an industrial designer or an engineer, moulds are made by a mouldmaker (or toolmaker) from metal, usually either steel or aluminum, and precision-machined to form the features of the desired part. Injection moulding is widely used for manufacturing a variety of parts, from the smallest components to entire body panels of cars

Injection molding is used to create many things such as wire spools, packaging, bottle caps, automotive dashboards, Game boys, pocket combs, some musical instruments (and parts of them), one-piece chairs and small tables, storage containers, mechanical parts (including gears), and most other plastic products available today. Injection molding is the most common modern method of manufacturing parts; it is ideal for producing high volumes of the same object.

