

心形台灯外壳注塑模具设计

摘 要

模具工业是国民经济发展的主要产业，中国模具行业的崛起，受到越来越多国人的注重。“模具是工业之母”也已成为业界的共识。

本课题主要设计了心形台灯外壳的注塑模结构。对型芯、型腔、流道等模具零件图和装配图进行分析设计。通过查阅文献，调整、优化，提出最佳设计方案，并对模具结构的相关尺寸进行计算校核，使塑件顺利脱模，实现生产自动化。

关键词：塑料模具；型芯；型腔；分型面

The plastic injection modle design of heart shape lampe

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Abstract

Mold manufacturing industry is the main industry of national economic development, the rise of China's mold industry, more and more people pay attention to. Mold is the mother of industry has become the industry consensus.

This topic mainly designs the design of the structure of the injection mold of plastic lamp shell. Focusing on designing the core, cavity, runner and other mold parts and assembly drawings. Through literature, adjustment and optimization, the optimal design scheme is put forward, and the relevant dimensions of the die structure is calculated, the smooth plastic mold release, realize production automation.

Key word: The plastic mold; core; cavity; divides the profile

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