

<<塑料加工和模具专业英语>>

图书基本信息

书名：<<塑料加工和模具专业英语>>

13位ISBN编号：9787502560034

10位ISBN编号：7502560033

出版时间：2005-1

出版时间：化学工业出版社

作者：张晓黎

页数：366

字数：448000

版权说明：本站所提供下载的PDF图书仅提供预览和简介，请支持正版图书。

更多资源请访问：<http://www.tushu007.com>

<<塑料加工和模具专业英语>>

内容概要

塑料成型加工及模具技术涉及高分子材料、模具金属材料、模具结构、成型加工设备等诸多领域，相关的技术设备引进和国际合作交流很多。

该专业所需的科技英语资源--词汇、语句、图表散见于各专业的文献中，无法反映材料、设备、工艺的内在联系。

本书的主要内容包括高分子材料、成型加工设备、模具结构、工艺条件及现代模具设计CAD/CAE/CAM等方面的英语阅读文章和词汇。

本书词汇部分的选词和释义均围绕工程实际应用；将设备、结构以及数值模拟中常用的概念和专业词汇用图形示意，便于理解；最后还简要介绍了编者学习科技英语的心得。

本书可供从事塑料加工和模具设计、制造等专业的工程技术人员参考，也可供相关院校教学使用或参考。

<<塑料加工和模具专业英语>>

书籍目录

Contents
 Part 1 Texts
 Chapter I Polymer Chemistry & Physics
 Lesson 1 What are Polymers? Reading Materials
 Head to Head Polymers
 Lesson 2 Polymer Chemistry Reading Materials
 Uniform Polymers
 Lesson 3 Polymer Structure and Physical Properties Reading Materials
 High-functional and High-performance Fabrics
 Lesson 4 The Others Properties of Polymers Reading Materials
 Polymer Dissolution Behavior
 Chapter II Molding Machine
 Lesson 1 Injection Molding Machines and Selection Resin Reading Materials
 Components of Injection molding machine
 Lesson 2 The Reciprocating Screw Reading Materials
 Clamping Mechanism of Injection Molding Machine
 Lesson 3 Extrusion Blow Molding Machine Reading Materials
 Extruders for Extrusion Blow Molding Machines
 Chapter III Mold
 Lesson 1 The Introduction of Molds Reading Materials
 Hot Runner Systems
 Lesson 2 Injection Molds Reading Materials
 Gates for Injection Molding
 Lesson 3 Understanding the Basics of the Injection Mold (I) Reading Materials
 Understanding the Basics of the Injection Mold(II)
 Lesson 4 Mold Material Reading Materials
 Selection of the steel
 Lesson 5 Mold Manufacturing and Machining Processes Reading Materials
 Hobbing Appended Figures
 Examples of Injection Mold Designs
 Chapter IV Processing
 Lesson 1 Polymer Processing Reading Materials
 Polymer Processing: Historical Survey
 Lesson 2 Injection Molding Reading Materials
 Blow Molding
 Lesson 3 Gas-Assisted Injection Molding Reading Materials
 Advantages and Disadvantages of the GAIM Process
 Lesson 4 Extrusion Molding Reading Materials
 Rotational Molding
 Lesson 5 Plastic Foam Molding Reading Materials
 Other Processing Methods
 Chapter V Computer-Aided Design of Products and Molds
 Lesson 1 The computer in Die Design Reading Materials
 Mold Making Using CIM
 Lesson 2 CAD/CAM Reading Materials
 Machining Operations
 Lesson 3 CAE Reading Materials
 Methods of Calculation in CAE for Polymer Processing
 Lesson 4 Integration of Computing Programs Reading Materials
 1 Generating the Simulation Model Reading Materials
 2 Face Clustering of a Large-scale CAD Model for Surface Mesh Generation
 Lesson 5 CAE Examples of C-MOLD
 Part 2 Glossary
 Part 3 Technics in Translation
 Appendix
 Appendix 1 The English Abbreviations of useful Macromolecular Materials
 Appendix 2 The Journals of Polymer Engineering
 References

版权说明

本站所提供下载的PDF图书仅提供预览和简介，请支持正版图书。

更多资源请访问:<http://www.tushu007.com>