

<<实用染整英语>>

图书基本信息

书名：<<实用染整英语>>

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前言

《实用染整英语》是供已学完基础英语、掌握了一定数量的常用词汇和基本语法的轻化类高职高专学生使用的染整专业英语教材，旨在培养学生对染整专业英语的应用能力，在最后一个模块中补充了实用贸易基础部分，使其成为染整企业专业技术人员和从事纺织品外贸工作人员较好的参考资料。

本教材内容涵盖纤维和纺织品、染整助剂、染整前处理、染料、染色、印花、整理和实用贸易基础8个模块，分为58个工作任务，在每个工作任务中都安排了适当的课后练习题及阅读文章，提供了多样化的学习方式。

本教材由南通纺织职业技术学院染化系教师组织编写。

其中，模块1由沈志平编写；模块2由李锦华编写；模块3、模块4、模块5和模块6中的任务1、任务2和任务3由黄旭编写；模块6中的任务4、任务5和任务6由贺良震编写；模块7中的任务1、任务2和任务3由潘云芳编写；模块7中的任务4、任务5和任务6由季莉编写；模块8由张炜栋编写。

最后全书由黄旭统稿。

由于编者水平有限，书中难免存在缺点和错误，恳请广大读者批评指正。

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内容概要

本教材是针对印染专业学生和技术人员学习和使用英语的需要而编写的。

内容涵盖纤维和纺织品、染整助剂、染整前处理、染料、染色、印花、整理和实用贸易基础八个模块

。在每个工作任务中都安排了适当的课后练习题及阅读文章，提供了多样化的学习方式。

另外，在附录部分收入了一些印染及贸易专业英文术语，并附有详细的英文释义，便于读者准确理解词汇。

书籍目录

纤维与纺织品染整助剂染整理前处理染料染色印花整理实用贸易基础附录参考文献

章节摘录

A fiber is characterized by its high length to diameter ratio , and by its strength and flexibility. Fibers may be of natural origin , or artificially made from natural or synthetic polymers. They are available in a variety of forms. Staple fibers are short , with length to diameter ratio around 10³ to 10⁴ , whereas this ratio for continuous filaments is at least several millions. The form and properties of a natural fiber such as cotton are fixed , but for artificially made fibers , a wide choice of properties is available by design. The variations include staple fibers of any length , single continuous filaments (monofilaments) , or yarns constituted of many filaments (multi-filaments) . The fibers or filaments may be lustrous , dull or semi-dull , fine or ultrafine , circular or of many other cross-sections , straight or crimped , regular or chemically modified , solid or hollow. The luster and handle depend on the shape of cross-sections and on the degree of crimping. Natural fibers have a number of inherent disadvantages. They exhibit large variations in staple length , fineness , shape , crimp and other physical properties , depending upon the location and conditions of growth. Animal and vegetable fibers also contain considerable and variable amount of impurities , whose removal before dyeing is essential and entails much processing. Artificially made fibers are much more uniform in their physical characteristics. Their only contaminants are small amounts of slightly soluble low molecular weight polymers (oligomers) and some surface lubricants and other chemicals added to facilitate processing. These are relatively easy to be removed compared with the difficulty of purifying natural fibers.

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