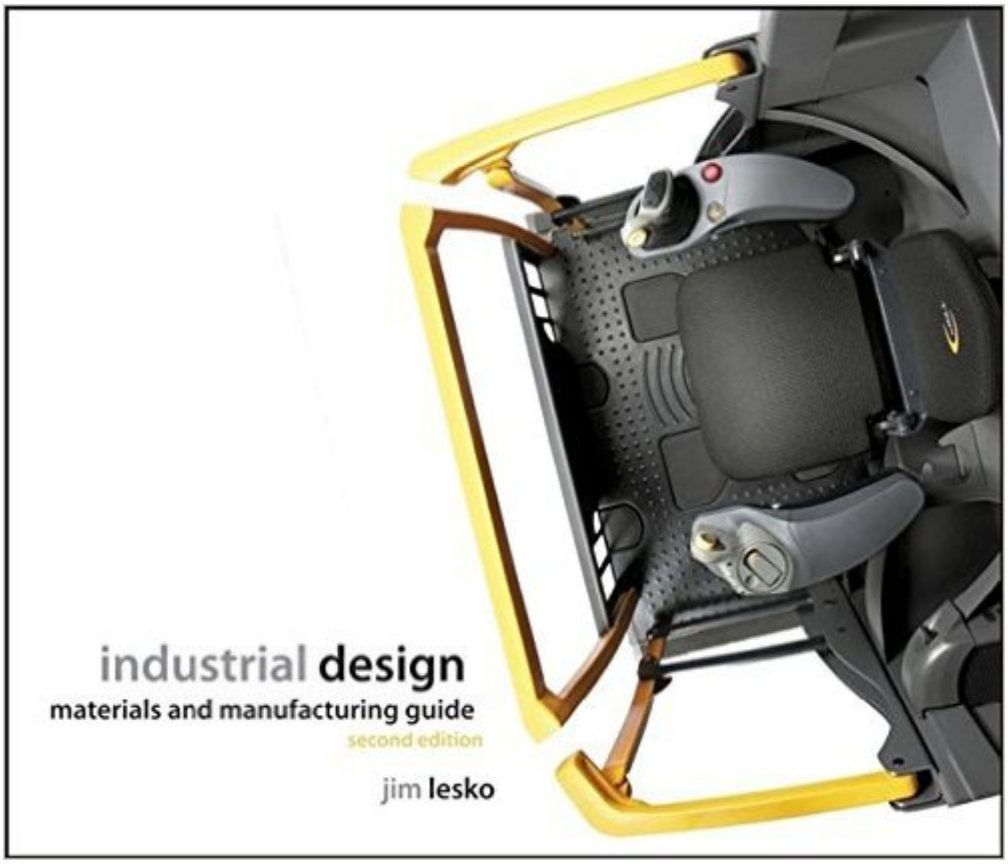
Industrial Design: Materials And Manufacturing Guide



Synopsis

Industrial Design: Materials and Manufacturing Guide, Second Edition provides the detailed coverage of materials and manufacturing processes that industrial designers need without the in-depth and overly technical discussions commonly directed toward engineers. Author Jim Lesko gives you the practical knowledge you need to develop a real-world understanding of materials and processes and make informed choices for industrial design projects. In this book, you will find everything from basic terminology to valuable insights on why certain shapes work best for particular applications. You'll learn how to extract the best performance from all of the most commonly used methods and materials.

Book Information

Hardcover: 256 pages

Publisher: Wiley; 2 edition (December 14, 2007)

Language: English

ISBN-10: 0470055383

ISBN-13: 978-0470055380

Product Dimensions: 8.8 x 0.9 x 10.8 inches

Shipping Weight: 2.1 pounds (View shipping rates and policies)

Average Customer Review: 3.5 out of 5 starsÂ Â See all reviewsÂ (10 customer reviews)

Best Sellers Rank: #576,556 in Books (See Top 100 in Books) #298 inÂ Books > Engineering & Transportation > Engineering > Industrial, Manufacturing & Operational Systems > Industrial Design #343 inÂ Books > Engineering & Transportation > Engineering > Industrial, Manufacturing & Operational Systems > Manufacturing #1174 inÂ Books > Engineering & Transportation > Engineering > Reference > Architecture

Customer Reviews

If you are new and want to gain a quick over view, I would recommend "Making it" by Chris Lefteri...it goes down a bit easier. However, this is a good reference book, 85% of the time. It describes in great detail about the common materials and processes in the field today. However, I think that it lacks of information about new technologies and organic materials.Personally, I have the 2008 copy right one, and the editing is horrible. (-1 star) Feels like it was edited by a high school kid, and not a bright one, either. Some images are fuzzy due to over-enlargement, while some paragraph are chopped down by smaller text frames. The index in the back are "headings-only", so if you want to search for some specific detail you came across in the reading...good luck with that.

This book is perfect for material and manufacturing technique knowledge. But it is mostly designed for material guides if you want to have more knowledge about the manufacturing techniques you can buy also 'Making It/ Chris Lefteri' book. These both will keep you up to date for whats and how its going on in the market of the industrial products for now.

This book contains a lot of information, but in a format that is not user friendly. The pictures are black and white, often pixelated or obscure. The illustrations are better, though they could be clearer. The text tends to be either too technical or too vague for real usefulness. When covering plastics, the author only includes the characteristics and common applications for a plastic, but not any definitive information to judge its appropriate and inappropriate use. He also ignores wood as a material for design. However, he does a decent job explaining manufacturing processes.Basically, it contains most of the information it should, but needs a major reformat to be anywhere near a helpful handy reference.

I'll review the actual book once I get into reading it, but so far, underwhelmed by how murky it looks. This is dry subject matter, couldn't you at least spring for color?!

Useful teaches you a lot of things but the terms used can be confusing and some pictures are poor quality, all black and white

Industrial Design: Materials and Manufacturing Guide Evaluation of Industrial Disability: Prepared by the Committee of the California Medical Association and Industrial Accident Commission of the State ... of Joint Measures in Industrial Injury Cases. Biomimetic Materials And Design: Biointerfacial Strategies, Tissue Engineering And Targeted Drug Delivery (Manufacturing Engineering & Materials Processing) Additive Manufacturing: 3D Printing for Prototyping and Manufacturing Understanding Additive Manufacturing: Rapid Prototyping, Rapid Tooling, Rapid Manufacturing Product Design for Manufacture and Assembly, Third Edition (Manufacturing Engineering and Materials Processing) Microprocessor Design: A Practical Guide from Design Planning to Manufacturing (Professional Engineering) Industrial Network Security, Second Edition: Securing Critical Infrastructure Networks for Smart Grid, SCADA, and Other Industrial Control Systems Industrial Network Security: Securing Critical Infrastructure Networks for Smart Grid, SCADA, and Other Industrial Control Systems Industrial Fluid Power, Vol. 1: Basic Text on

Hydraulics, Air & Vacuum for Industrial and Mobile Applications RefrigeraciÃ n comercial, domÃ©stica, industrial y aire acondicionado / Commercial refrigeration, domestic, industrial and air conditioning (Spanish Edition) Manual de mantenimiento electrico industrial / Industrial electrical maintenance manual (Spanish Edition) InstrumentaciÃ n Industrial (Instrumentacion Industrial) (Spanish Edition) InstrumentaciÃ n Industrial (Curso de Instrumentacion Industrial) (Spanish Edition) Industrial Plastics: Basic Chemistry, Major Resins, Modern Industrial Processes Fundamentals of Modern Manufacturing: Materials, Processes, and Systems Fundamentals of Modern Manufacturing, Binder Ready Version: Materials, Processes, and Systems Hot Rolling of Steel (Manufacturing Engineering and Materials Processing) Modern Materials and Manufacturing Processes (3rd Edition) Manufacturing Data Structures: Building Foundations for Excellence with Bills of Materials and Process Information