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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.

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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

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