INDUSTRIAL DESIGN: MATERIALS AND MANUFACTURING GUIDE, 2ND EDITION
Jim Lesko

Hardcover ISBN: 978-0-470-05538-0 December 2007 $83.25

DESCRIPTION

*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.

ABOUT THE AUTHOR

Jim Lesko, IDSA, recently retired as Head of Art and Design and Chair of Industrial Design at the University of Bridgeport. He is currently Professor and Director of International Relations at Dongsea University in Busan, South Korea, and Principal of Lesko Design, an industrial design office. He has an MFA in design from Carnegie Mellon University and an MFA in Sculpture from Pratt Institute.
NEW TO EDITION

• Over 30% new and revised material, this single-source reference offers detailed coverage of materials and manufacturing processes for industrial designers

• Expanded coverage of plastic finishing, metal and plastic composite materials, ferrous and non-ferrous materials

• New coverage of rapid tooling and rapid prototyping

FEATURES

• Provides broad coverage of the most-used manufacturing methods and materials

• Purposely avoids in-depth and overly technical discussions commonly directed toward engineers

• Covers forming, cutting and joining of metals, plastics, ceramics and glass

• Offers easy-to-use chart format that lists advantages and disadvantages for each material and method

• Includes hundreds of photographs and drawings

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