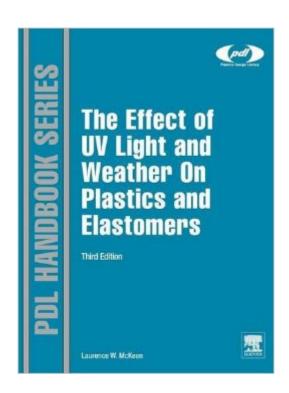
The book was found

The Effect Of UV Light And Weather On Plastics And Elastomers, Third Edition (Plastics Design Library)





Synopsis

This reference guide brings together a wide range of essential data on the effects of weather and UV light exposure on plastics and elastomers, enabling engineers to make optimal material choices and design decisions. In both normal and extreme environments, outdoor use has a variety of effects on different plastics and elastomers, including discoloring and brittleness. The data is supported by explanations of real-world engineering applications. The data tables in this book are supported by examples of real-world applications, enabling engineers and scientists to select the right materials for a given situation, across a wide range of sectors including construction, packaging, signage, consumer (e.g. toys, outdoor furniture), automotive and aerospace, defense, etc. A The third edition includes new text chapters that provide the fundamental knowledge required to make best use of the data. Author Larry McKeen has also added detailed A descriptions of the effect of weathering on the most common polymer classes such as polyolefins, polyamides, polyesters, elastomers, fluoropolymers, biodegradable plastics, etc., making this book an invaluable design guide as well as an industry standard data source. Essential data and practical guidance for engineers and scientists working with plastics in outdoor applications and products New introductory chapters on weathering processes and the effect of light and heat on plastics25% new data

Book Information

Series: Plastics Design Library

Hardcover: 400 pages

Publisher: William Andrew; 3 edition (July 31, 2013)

Language: English

ISBN-10: 1455728519

ISBN-13: 978-1455728510

Product Dimensions: 8.5 x 0.8 x 11 inches

Shipping Weight: 2.9 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #2,108,862 in Books (See Top 100 in Books) #102 in Books > Engineering & Transportation > Engineering > Industrial, Manufacturing & Operational Systems > Industrial Design > Packaging #540 in Books > Engineering & Transportation > Engineering > Materials & Material Science > Polymers & Textiles #763 in Books > Science & Math > Physics > Solid-State Physics

Download to continue reading...

The Effect of UV Light and Weather on Plastics and Elastomers, Third Edition (Plastics Design Library) Fatigue and Tribological Properties of Plastics and Elastomers, Second Edition (Plastics Design Library) Plastics in Medical Devices, Second Edition: Properties, Requirements, and Applications (Plastics Design Library) The Weather-Wise Gardener: A Guide to Understanding, Predicting, and Working With the Weather Third Eye: Awakening Your Third Eye Chakra: Beginner's Guide (Third Eye, Third Eye Chakra, Third Eye Awakening, Chakras) Third Eye: Third Eye Activation Secrets (Third Eye Awakening, Pineal Gland, Third Eye Chakra, Open Third Eye) Feedstock Recycling and Pyrolysis of Waste Plastics: Converting Waste Plastics into Diesel and Other Fuels Trivia: The Rosie Effect: A Novel By Graeme Simsion (Trivia-On-Books) (The Rosie Project & The Rosie Effect Bundle Book 2) Extrusion, Second Edition: The Definitive Processing Guide and Handbook (Plastics Design Library) Bio-based Plant Oil Polymers and Composites (Plastics Design Library) Fluoroplastics, Volume 2: Melt Processible Fluoroplastics: The Definitive User's Guide (Plastics Design Library) Fluoroplastics, Volume 1: Non-Melt Processible Fluoroplastics (Plastics Design Library) (v. 1) Basic and Advanced Light Plane Body Maintenance: (Light Plane Maintenance Library, Vol. 2) Computer Organization and Design, Third Edition: The Hardware/Software Interface, Third Edition (The Morgan Kaufmann Series in Computer Architecture and Design) Molding of Thermosetting Plastics (My First Library) Macromolecular Design of Polymeric Materials (Plastics Engineering) Field-Effect Transistor Amp Analysis and Design Microwave Field-effect Transistors: Theory, Design and Applications (Electronic & Electrical Engineering Research Studies) Practical Guide to Organic Field-Effect Transistor Circuit Design Third Eye Awakening: The Ultimate Guide on How to Open Your Third Eye Chakra to Experience Higher Consciousness and a State of Enlightenment (Third Eye, Pineal Gland, Chakra, Kundalini)

Dmca