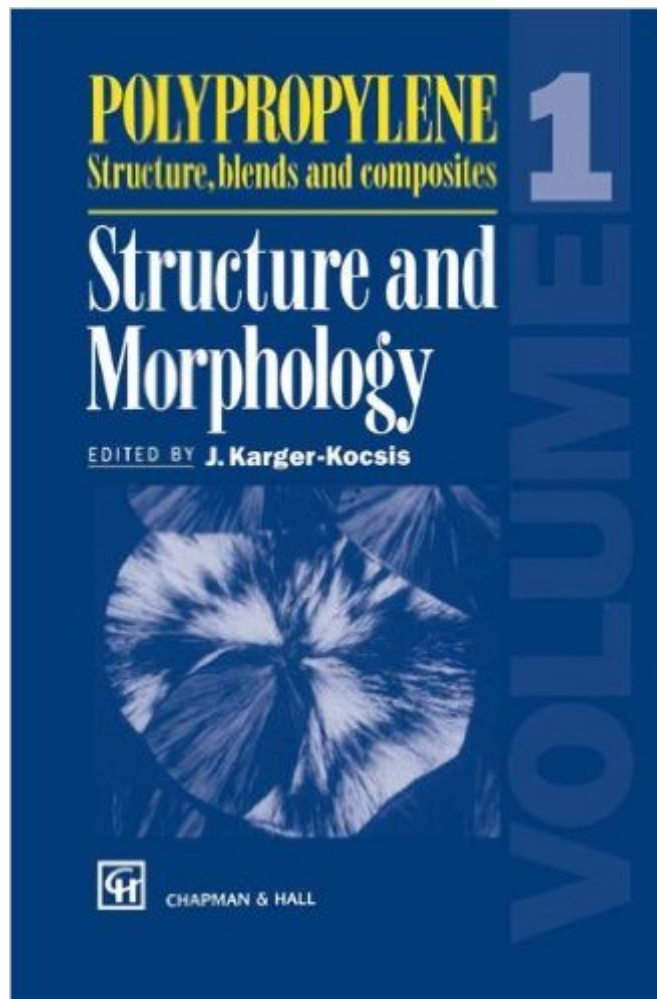


The book was found

Polypropylene Structure, Blends And Composites: Volume 1 Structure And Morphology



Synopsis

Although polypropylene has been marketed since the 1950s, research and development in this area is still vigorous. The consumption of polypropylene over the years has been relatively high, mainly due to the steady improvement of its property profile. Polypropylene: Structures, Blends and Composites, in three separate volumes, reflects on the key factors which have contributed to the success of polypropylene, dealing with all aspects of structure-performance relationships relevant to thermoplastic polymers and related composites. Volume 1, Structure and Morphology, deals with polymorphism in polypropylene homo- and copolymers, where molecular and supermolecular structures are covered, and the processing-induced structure development of polypropylene, showing the interrelation between the processing-induced morphology and mechanical performance. Volume 2, Copolymers and Blends, contains comprehensive surveys of the nucleation and crystallisation behaviour of the related systems. It includes the development of morphology and its effects on rheological and mechanical properties of polypropylene-based alloys and blends and a review of polypropylene-based thermoplastic elastomers. Volume 3, Composites, gives a comprehensive overview of filled and reinforced systems with polypropylene as a matrix material, with the main emphasis on processing-structure-property-interrelationships. Chapters cover all aspects of particulate filled, chopped fibre-, fibre mat- and continuous fibre-reinforced composites. Interfacial phenomena, such as adhesion, wetting and interfacial crystallisation, are also included as important aspects of this subject.

Book Information

Hardcover: 351 pages

Publisher: Springer; 1995 edition (December 31, 1994)

Language: English

ISBN-10: 0412584301

ISBN-13: 978-0412584305

Product Dimensions: 6.1 x 0.9 x 9.2 inches

Shipping Weight: 1.3 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #2,114,371 in Books (See Top 100 in Books) #190 in Books > Engineering & Transportation > Engineering > Chemical > Plastics #227 in Books > Engineering & Transportation > Engineering > Materials & Material Science > Testing #543 in Books > Engineering & Transportation > Engineering > Materials & Material Science > Polymers & Textiles

[Download to continue reading...](#)

Polypropylene Structure, blends and composites: Volume 1 Structure and Morphology Big
Collection Of Essential Oils: Amazing DIY Recipes Of Essential Oils Blends, Soap Making And
Repellents: (Diffuser Recipes and Blends, Skin So Soft Insect ... (Natural Remedies, Essential oils)
The Big Book of Polymer Blends: Polymer Clay Blends. Made Simple. In One Place. The Human
Fossil Record, Craniodental Morphology of Early Hominids (Genera Australopithecus,
Paranthropus, Orrorin), and Overview (Volume 4) Photoshop Compositing Secrets: Unlocking the
Key to Perfect Selections and Amazing Photoshop Effects for Totally Realistic Composites
Tribology of Ceramics and Composites: Materials Science Perspective Bio-based Plant Oil
Polymers and Composites (Plastics Design Library) Advanced Composites Electromagnetic
Composites Handbook, Second Edition Manufacturing Processes for Advanced Composites
Process Modeling in Composites Manufacturing, Second Edition Self-Healing Composites: Shape
Memory Polymer Based Structures The Conodonts: Morphology, Taxonomy, Paleoecology, and
Evolutionary History of a Long-Extinct Animal Phylum (Oxford Monographs on Geology and
Geophysics) The intervertebral foramina in man: The morphology of the intervertebral foramina in
man, including a description of their contents and adjacent parts ... (supplement to "The
intervertebral foramen") Concise Dental Anatomy and Morphology Dental Anatomy and Tooth
Morphology Concise Dental Anatomy & Morphology (4th, 01) by Fuller, Jim [Paperback (2001)]
Heme Notes: A Pocket Atlas of Cell Morphology Morphology of Human Blood Cells Crystals:
Growth, Morphology, & Perfection

[Dmca](#)