HANDBOOK OF POLYPROPYLENE AND POLYPROPYLENE COMPOSITES
Second Edition, Revised and Expanded

edited by
Harutun G. Karian
Handbook of Polypropylene and Polypropylene Composites, Revised and Expanded, Harutun Karian, CRC Press, 2003, 0824748263, 9780824748265, 576 pages. Building on the success of its predecessor with completely revised material and six new chapters, the Handbook of Polypropylene and Polypropylene Composites, Second Edition responds to increasing interest and changing global trends in the manufacture and application of polypropylene resin. The authors highlight viable options for the manufacture of polypropylene composites to better accommodate market requirements across various industries. The second edition introduces chapters on high-purity submicron talc fillers with lamellar microstructures, the utilization of Wollastonite fibers for polypropylene reinforcement, and updated material on nanocomposite production using exfoliated clay treated with maleated polypropylene-based materials, among many other topics.


Polymer Modifiers and Additives, Richard F. Grossman, John T. Lutz Jr., Nov 8, 2000, Technology & Engineering, 536 pages. "Outlines the benefits of using additives-individually or in combination-to modify the properties and processability of pure polymers, and discusses easy-to-understand theory ....

Polymer Data Handbook, James E. Mark, 1999, Science, 1018 pages. Polymers are the compounds that includes plastics, artificial fibers, rubber, cellulose, and many other materials, including coatings and adhesives. This book presents key data ....

Polypropylene. 1. Structure and morphology, J. Karger-Kocsis, 1995, Science, 351 pages. 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 ....

Polypropylene Handbook, Nello Pasquini, Antonio Addeo, Jan 1, 2005, Technology & Engineering, 584 pages. Following the successful approach of the first edition, this book presents the current state of the polypropylene industry. At its core is a detailed description of the ....

Viscoelastic Properties of Polymers, John D. Ferry, Sep 16, 1980, Technology & Engineering, 672 pages. Viscoelastic behavior reflects the combined viscous and elastic responses, under mechanical stress, of materials which are intermediate between liquids and solids in character ....


Polymer Technology Dictionary, Tony Whelan, 1994, Science, 555 pages. A comprehensive encyclopaedic dictionary on polymer technology with expanded entries - trade name and trade marks, list of abbreviations and property tables..

Practical Guide to Polypropylene, Devesh Tripathi, 2002, Technology & Engineering, 104 pages. Polypropylene is now the third largest consumed plastic material after polyethylene and polyvinyl chloride. This book discusses the advantages and disadvantages of working with ....


Polypropylene Handbook Polymerization, Characterization, Properties, Processing, Applications, Edward P. Moore, Jan 1, 1996, Technology & Engineering, 419 pages. At the handbook's core is a detailed description of the polymerization, the catalysts, and breakthroughs that have occurred in industry. It describes the morphology ....


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