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Entanglement Number $n(e)$; 3.2 Electrical Charge; 3.3 Bead Formation in Electrospinning; 3.4 Introduction to Electrospinning Practice; 4 Factors Affecting Nanofiber Quality; 4.1 The Polymer Solution
 4.1.1 Concentration Effects; 4.1.2 Solvent System; 4.1.3 Conductivity; 4.1.4 Surface Tension; 4.1.5 Dielectric Constant; 4.1.6 Volatility; 4.2 Environment; 4.3 Collector; 4.3.1 Collector Geometry; 4.3.2 Collector Material; 4.4 Applied Potential; 4.4.1 Applied Voltage V ; 4.4.2 Polarity of the Tip; 4.5 Feed Rate; 4.6 Capillary Tip; 4.7 Gap Distance; 4.8 Relative Importance of Variables; 4.9 Examples of Reported Data; 5 Characterization of Nanofibers and Mats; 5.1 Mat Porosity and Pore Size Distribution; 5.1.1 Mercury Intrusion Porosimetry; 5.1.2 Liquid Extrusion Porosimetry
 5.1.3 Capillary Flow Porometry; 5.1.4 Brunauer, Emmett, and Teller (BET) Surface Area; 5.1.5 Other Approaches; 5.2 Nanofiber Diameters and Pore Sizes by Microscopy; 5.2.1 Atomic Force Microscopy Technique; 5.3 Mechanical Properties of Mats; 5.3.1 Mat-Related Variables; 5.4 Single-Fiber Characterization; 5.4.1 Using the AFM for Single-Nanofiber Measurement; 5.4.1.1 Nanoindentation; 5.4.1.2 Bending Test; 5.4.1.3 Uniaxial Extension; 5.5 Nanofiber Crystallinity; 5.5.1 Differential Scanning Calorimetry (DSC) Technique; 5.5.2 X-ray Diffraction Methods; 6 Composite Nanofibers
 6.1 Carbon Nanotubes in Nanofibers; 6.1.1 Dispersion of Nanotubes; 6.1.2 Orientation of Nanotubes; 6.1.3 Other Carbons; 6.2 Metal-Nanofiber Composites; 6.2.1 Direct Electrospinning; 6.2.2 Reductive Post-Reaction; 6.2.3 Gas-Phase Post-Reaction; 6.3 Polymer-Clay Composites; 6.4 Decorated or Exocomposite Nanofibers; 6.4.1 Nanofiber-Nanoparticle Composites; 6.4.1.1 Dry Methods; 6.4.1.2 Wet Methods; 6.4.2 Nanofiber-Nanotube Composites; 7 Biomedical Applications of Nanofibers; 7.1 Drug Delivery Applications; 7.1.1 Drug-Loaded Fibers; 7.1.2 Controlled Delivery of Macromolecules
 7.2 Scaffolding Applications of Nanofibers

Sommario/riassunto

Discover new and emerging applications of polymer nanofibers alongside the basic underlying science and technology. With discussions exploring such practical applications as filters, fabrics, sensors, catalysts, scaffolding, drug delivery, and wound dressings, the book provides polymer scientists and engineers with a comprehensive, practical "how-to" reference. Moreover, the author offers an expert assessment of polymer nanofibers' near-term potential for commercialization. Among the highlights of coverage is the book's presentation of the science and technology of electrospinning, including