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Surface Modification of Plant Fibers; 3.3.1 Physical Treatments; 3.3.2 Physicochemical Treatments; 3.3.3 Chemical Modification of Plant Fibers; 3.4 Polyolefin Composites
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 4.5.3 Analysis of the Physical, Mechanical, Thermal, and Morphological Properties of Composites

Sommario/riassunto

This guide to the properties and applications of polyolefin composites consolidates information to help the reader compare, select, and integrate a material solution as needed. It covers polyolefin microcomposites, polyolefin nanocomposites, and advanced polyolefin nano and molecular composites and discusses processing, morphological characterization, crystallization, structure and properties, and performance evaluation at micro and nano structural levels. It details modeling and simulation, engineering performance properties, and applications. This is a practical, hands-on reference for pract