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Sommario/riassunto	Plasma Polymer Films examines the current status of thedeposition and

characterization of fluorocarbon-, hydrocarbon- and silicon-containing plasma polymer films and nanocomposites, with plasma polymer matrix. It introduces plasma polymerization process diagnostics such as optical emission spectroscopy (OES, AOES), and describes special deposition techniques such as atmospheric pressure glow discharge. Important issues for applications such as degradation and stability are treated in detail, and structural characterization, basic electrical and optical properties and biomedical applications are discussed.
