1. Record Nr. UNINA9910557339203321 Autore Balart Gimeno Rafael Antonio Titolo Advances in Manufacturing and Characterization of Functional **Polyesters** Pubbl/distr/stampa Basel, Switzerland, : MDPI - Multidisciplinary Digital Publishing Institute, 2021 1 electronic resource (258 p.) Descrizione fisica Soggetti Research & information: general Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia In recent years, we have assisted the remarkable growth in the use of Sommario/riassunto functional polyesters. This book gathers novel research works dealing with the manufacturing and characterization of polyesters that have been functionalized by synthesis, copolymerization, additives (at micro- and nanoscale), surface modification, among other methodologies, to tailor desired properties in terms of mechanical, chemical, thermal, and barrier properties, biodegradation, and biocompatibility. Thus, Advances in Manufacturing and Characterization of Functional Polyesters will serve to guide a diverse audience of polymer scientists and engineers and provides an update

of the "state-of-the-art" knowledge on functional polyesters.