

1. Record Nr.	UNINA9910554241803321
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Titolo	Thermoplastic elastomers : at a glance // Gunter Scholz and Manuela Gehringer
Pubbl/distr/stampa	Berlin, Germany ; ; Boston, Massachusetts : , : De Gruyter, , [2021] ©2021
ISBN	3-11-073984-4
Descrizione fisica	1 online resource (110 pages)
Collana	De Gruyter STEM
Disciplina	678
Soggetti	Elastomers Thermoplastics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Frontmatter -- Acknowledgments -- Prologue -- Contents -- 1 Introduction to TPE -- 2 Characteristic methods -- 3 A principal comparison of TPE to elastomers (vulcanized) -- 4 TPO – olefin-based TPE is introduced -- 5 TPV – olefin-based TPE, vulcanized, is introduced -- 6 TPS – styrene-based TPE is introduced -- 7 TPU – urethane-based TPE is introduced -- 8 TPC – ester-based TPE is introduced -- 9 TPA – amide-based TPE is introduced -- 10 Renewable materials -- 11 Description of testing procedure -- 12 Epilogue -- Literature -- Index
Sommario/riassunto	The book provides a qualified and fast view into the world of TPE including the difference to rubber materials. It describes their classification as they are presented in the market, characterization, manufacturing, processing and behavior. Aside from the self-learning option, it is a companion to seminars and studies about elastomers.