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Titolo	Polymers on the Crime Scene : Forensic Analysis of Polymeric Trace Evidence // by Valerio Causin
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Descrizione fisica	1 online resource (364 p.)
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Soggetti	Polymers Forensic sciences Biomedical materials Medical jurisprudence Polymer Sciences Forensic Science Biomaterials Forensic Medicine
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Introduction -- Polymers: an overview -- Polymeric traces: transfer, persistence, recovery, analysis and interpretation of analytical data -- Polymers on the crime scene -- Formulation: polymer matrix, fillers, dyes, pigments and other additives -- Synthesis-dependent parameters: molecularweight, constitution and configuration -- Processing-dependent parameters: structure and morphology of polymeric materials.
Sommario/riassunto	This book approaches the analysis of forensic contact traces from a polymer science perspective. The development of characterization methods of new or unusual traces and the improvement of existing protocols is described. The book starts with a general introduction to

polymers and the issues related to transfer, persistence and recovery of polymeric traces. The chapters present a distinctive feature of polymers, discussing how it can be measured, what the practical difficulties which can be encountered in the analysis, and how useful that information is for comparison or identification purposes. Practical tips for the realization of the forensic analyses are included.
