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Nota di contenuto	Frontmatter -- Preface -- Acknowledgments -- Contents -- 1. Introduction to recycling and the re-use of rubber -- 2. Brief history of rubber recycling -- 3. Overview of the world rubber recycling market -- 4. Review of devulcanisation techniques -- 5. Characterisation of devulcanised rubber and products containing devulcanised rubber -- 6. Production of rubber crumb -- 7. Products made from rubber crumb and waste rubber -- 8. Other methods for recycling and re-using waste rubber -- Appendix 1. Brief overview of regulations applying to waste rubber in the European Union and the USA -- Abbreviations -- Index
Sommario/riassunto	Recycling of rubber materials is necessary from both an environmental and economic perspective. This book describes everything from the world market to the many novel technologies and processes developed for the re-use and recycling of our common rubber materials. Devulcanization, production of rubber crumbs, reprocessing and manufacture of new materials are thoroughly described and discussed.