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Nota di contenuto	Frontmatter -- Preface -- Contents -- Contributors -- 1. Applications of Rubber Nanocomposites in Automotives / Bandyopadhyay, Samar -- 2. Rubber Nanocomposites for Tyre Tread Applications / Srivastava, Suneel Kumar / Bhuyan, Bhagabat -- 3. Nanofilled Thermoplastic Vulcanisates in Automotive Applications / Chatterjee, Tuhin / Naskar, Kinsuk -- 4. Elastomer-Clay Nanocomposites with Reference to their Automobile Applications and Shape-Memory Properties / Setua , Dipak Kumar / Gupta, Yadavendra Nath -- 5. The Role of Ionic Liquids in Carbon Nanotube-Rubber Composites / Abraham, Jiji / Mariya, Hanna J. / Thomas, Sabu -- 6. Nanotechnology-based Textiles: A Solution for the Emerging Automotive Sector / Joshi, Mangala / Adak, Bapan -- Abbreviations -- Index
Sommario/riassunto	This book describes rubber nanocomposites and their applications in the automobile sector. Newly developed nanofibres and nanofinished textiles, with their novel characteristics and various applications in next-generation automobiles, are also discussed. Lastly, a comprehensive evaluation and overview of the impact of

nanotechnology on the textiles in automobile industries are presented.
