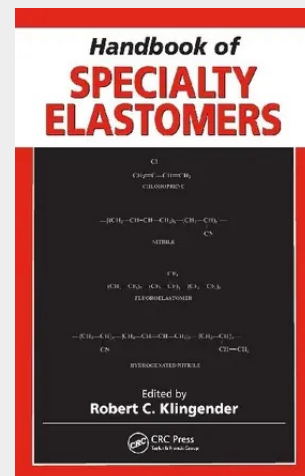


Handbook of Specialty Elastomers

Written and edited by experts on specialty elastomers applications in the mechanical and automotive products industries, the Handbook of Specialty Elastomers provides a single source reference for the design of compounds using specialty elastomers. This book defines specialty elastomers as heat-, oil-, fuel-, and solvent-resistant polymers. Each chapter examines individual elastomers in terms of development history, chemical composition, structure, and properties as well as processing methods, applications, and commercially available products. Covering their applications in the rubber, energy, chemicals, and oil industries, the book also discusses the use of antioxidants, antiozonants, vulcanization agents, plasticizers, and process aids for specialty elastomers. The concluding chapter details considerations and relevant processes—such as molding operations—involved in designing application-specific rubber components. The Handbook of Specialty Elastomers provides comprehensive insight into the processes and challenges of designing rubber formulations and specialty elastomeric components.

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274,50 €

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Lieferfrist: bis zu 10 Tage

Artikelnummer: 9781574446760

Medium: Buch

ISBN: 978-1-57444-676-0

Verlag: CRC Press

Erscheinungstermin: 22.01.2008

Sprache(n): Englisch

Auflage: 1. Auflage 2008

Produktform: Gebunden

Gewicht: 1016 g

Seiten: 576

Format (B x H): 161 x 240 mm

