



Essential Rubber Formulary [Formulas for Practitioners]

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Elsevier Science,
2007

Electronic books

Monografía

The author, a seasoned rubber technologist of four decades, provides more than 180 essential rubber formularies, some of which have never been published, that are used by practitioners the world over on a frequent basis. A special feature of the formulations is that they are designed for factory scale applications. The opening chapter of this indispensable book gives practical information on compounding techniques, coloring, ingredients, as well as a whole section on typical rubber testing methods. The book concludes with appendices useful for the technologist that include seven convers

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Título: Essential Rubber Formulary electronic resource] Formulas for Practitioners

Editorial: Burlington Elsevier Science 2007

Descripción física: 1 online resource (205 p.)

Variantes del título: Plastics Design Library Essential Rubber Formulary: Formulas for Practitioners

Mención de serie: Plastics Design Library

Nota general: Description based upon print version of record

Contenido: Front Cover; Essential Rubber Formulary: Formulas for Practitioners; Copyright Page; Contents; Preface; Part 1: About Rubber; Chapter 1. Introduction; Chapter 2. Brief Notes on Compounding Ingredients; 2.1 Accelerators; 2.2 Vulcanizing Agents; 2.3 Activators; 2.4 Antioxidants; 2.5 Fillers and Reinforcing Agents; 2.6 Retarders; 2.7 Process Oils/Softeners; Chapter 3. Some Hints on Rubber Compounding Techniques; Chapter 4. Note on Reclaimed Rubber; Chapter 5. Rubber Content in Products; Chapter 6. Note on Coloring of Rubbers; Chapter 7. Typical Rubber Testing Methods; 7.1 Prelude 7.2 Tests on Unvulcanized Rubber Stocks 7.3 Tests on Vulcanized Rubbers; Part 2: Formulary; Chapter 8. Thin Coatings; 8.1 Introduction; 8.2 The Gray Coating of Hypalon; 8.3 The Black Coating of Neoprene; 8.4 Black Brushing; 8.5 Gray Brushing; Chapter 9. Oil Seals and "O" Rings; 9.1 Introduction; 9.2 Rotary Seal (Neoprene)-85°A; 9.3 "O" Ring (Neoprene)-60°A; 9.4 Rotary Seal (Nitrile)-60°A; 9.5 Rotary Seal (Nitrile)-80°A; 9.6 Rotary Seal (Nitrile)-75°A; 9.7 "O" Rings (Nitrile)-65°A; 9.8 "O" Rings (Nitrile 1)-60°A; 9.9 "O" Rings (Nitrile 2)-60°A 9.10 "O" Ring Compound (Styrene-Butadiene Rubber, SBR)-55°A 9.11 Rotary Seal (Natural Rubber)-85°A; 9.12 "O" Rings (Natural Rubber) for Pipe Couplings-60°A; 9.13 Rotary Seal (SBR)-90°A; 9.14 Rotary Seal (Nitrile)-75°A; 9.15 "O" Rings (Nitrile)-60°A; 9.16 Rotary Seal

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Lengua: English

ISBN: 9786612769672 0-08-094735-2 1-282-76967-7 1-282-25311-5 0-8155-1709-2

Materia: Chemistry, Technical Rubber chemistry Rubber goods Rubber goods. Rubber chemistry. Chemistry, Technical --Formulae, receipts, prescriptions Rubber goods- Formulae, receipts, prescriptions Rubber chemistry Chemistry, Technical Mechanical Engineering. HILCC Engineering & Applied Sciences. HILCC Industrial & Management Engineering. HILCC

Enlace a formato físico adicional: 0-8155-1539-1

Punto acceso adicional serie-Título: Plastics Design Library

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