

Contents

| | |
|---|-----|
| 1 Rubber Nanoblends: State of the Art, New Challenges, and Opportunities | 1 |
| Visakh P.M. | |
| 2 Natural Rubber Nanoblends: Preparation, Characterization and Applications | 15 |
| Oriparambil Sivaraman Nirmal Ghosh, S. Gayathri, P. Sudhakara, S.K. Misra and J. Jayaramudu | |
| 3 Nitrile Rubber Latex Blends: Preparation, Characterization and Applications | 67 |
| Garry L. Rempel and Hui Wang | |
| 4 Polyurethane Rubber-Based Nanoblends: Preparation, Characterization and Applications | 89 |
| Zizi I. Abdeen | |
| 5 Chlorosulfonated Rubber-Based Nanoblends: Preparation, Characterization and Applications | 105 |
| Gordana Marković, Milena Marinović-Cincović, Vojislav Jovanović, Suzana Samaržija-Jovanović and Jaroslava Budinski-Simendić | |
| 6 Polybutadiene Rubber-Based Nanoblends (PBR-nB): Preparation, Characterization and Applications | 155 |
| Dharmesh Hansora and Satyendra Mishra | |
| 7 Styrene–Butadiene Rubber-Based Nanoblends (SBR-nB): Preparation, Characterization and Applications | 209 |
| Aniruddha Chatterjee and Prashant S. Khobragade | |
| 8 Polychloroprene Rubber-Based Nanoblends: Preparation, Characterization and Applications | 249 |
| Milena Marinović-Cincović, Gordana Marković, Vojislav Jovanović, Suzana Samaržija-Jovanović and Jaroslava Budinski-Simendić | |

| | |
|---|------------|
| 9 Ethylene–Propylene–Diene Rubber-Based Nanoblends: Preparation, Characterization and Applications | 281 |
| Suzana Samaržija-Jovanović, Vojislav Jovanović, Gordana Marković, Milena Marinović-Cincović, Jaroslava Budinski-Simendić and Bojan Janković | |

Rubber Nano Blends

Preparation, Characterization and Applications

Markovic, G.; Visakh, P.M. (Eds.)

2017, VI, 349 p. 212 illus., 76 illus. in color., Hardcover

ISBN: 978-3-319-48718-2