



## Rubber-Clay Nanocomposites: Science, Technology, and Applications (Hardback)

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John Wiley and Sons Ltd, United States, 2014. Hardback. Book Condition: New. 1. Auflage. 239 x 163 mm. Language: English . Brand New Book. The one-stop resource for rubber-clay nanocomposite information The first comprehensive, single-volume book to compile all the most important data on rubber-clay nanocomposites in one place, Rubber-Clay Nanocomposites: Science, Technology, and Applications reviews rubber-clay nanocomposites in an easy-to-reference format designed for RD professionals. Including contributions from experts from North America, Europe, and Asia, the book explores the properties of compounds with rubber-clay nanocomposites, including their rheology, curing kinetics, mechanical properties, and many others. Rubber-clay nanocomposites are of growing interest to the scientific and technological community, and have been shown to improve rubber compound reinforcement and impermeability. These natural mineral fillers are of potential interest for large-scale applications and are already making an impact in several major fields. Packed with valuable information about the synthesis, processing, and mechanics of these reinforced rubbers, the book covers assorted rubber-clay nanocomposites applications, such as in automotive tires and as polymer fillers. Promoting common knowledge and interpretation of the most important aspects of rubber-clay nanocomposites, and clarifying the main results achieved in the field of rubbers and crosslinked rubbers something not covered...

### Reviews

*Good eBook and helpful one. It really is written in straightforward words and phrases and never confusing. I am just effortlessly could possibly get a enjoyment of looking at a published book.*

-- **Romaine Rippin**

*The book is great and fantastic. it absolutely was written very properly and beneficial. It is extremely difficult to leave it before concluding, once you begin to read the book.*

-- **Lyda Davis II**