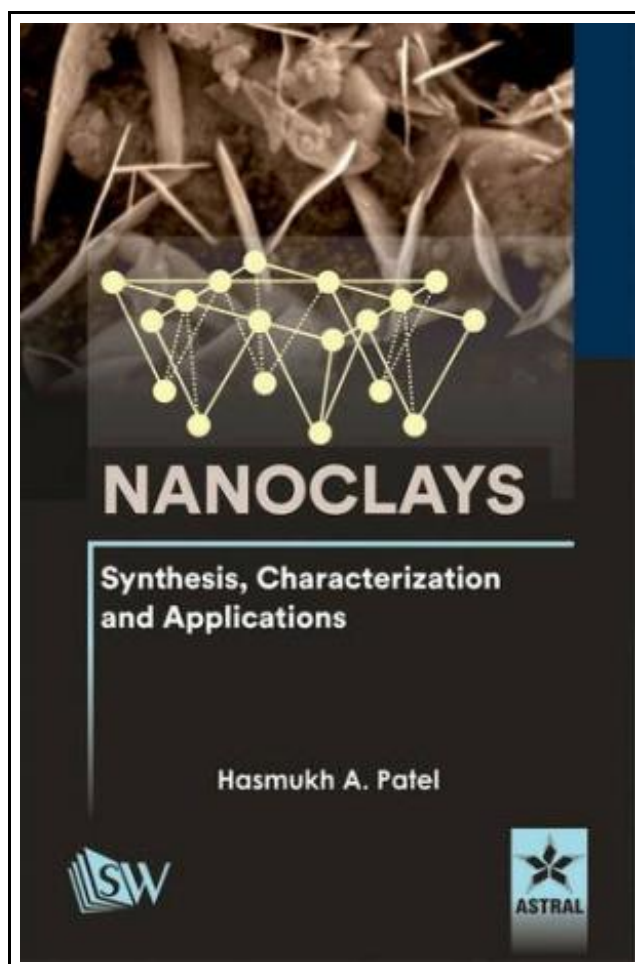


Nanoclays: Synthesis, Characterization and Applications (Hardback)



Filesize: 7.79 MB

Reviews

It becomes an remarkable publication that we have possibly go through. It is among the most remarkable book i actually have read through. Your lifestyle period will likely be transform when you total reading this publication.

(Dominique Bergstrom)

NANOCLAYS: SYNTHESIS, CHARACTERIZATION AND APPLICATIONS (HARDBACK)

DOWNLOAD



Astral International, India, 2014. Hardback. Book Condition: New. 256 x 134 mm. Language: English . Brand New Book ***** Print on Demand *****.This book demonstrates the beneficiation of Indian bentonites for the synthesis of nanoclays and its application for polymer nanocomposites, rheological modifier, metal nanoparticles support and adsorbent. The book is divided into seven chapters. The first chapter deals with introduction of nanoclays and its applications in various fields with thorough review of the literature. The second chapter discusses the beneficiation of Indian bentonites by sedimentation and chemical treatments. The optimum conditions for the purification of bentonite using this technique are developed. The third chapter illustrates the synthesis of nanoclays by ion exchange reaction of montmorillonite and various quaternary ammonium or phosphonium salts. In the fourth chapter, the detailed studies on the reinforcement effect of nanoclays in polypropylene for the synthesis of polypropylene/nanoclay nanocomposites are elaborated. The fifth chapter consists of the application of the nanoclays as supporting materials for metal nanoparticles. The palladium, rhodium, gold and silver metal nanoparticles anchored on nanoclays are synthesized. The application of nanoclays for removal of organic contaminants in batch and dynamic conditions from wastewater are studied in the sixth chapter. The final chapter summarizes the major findings and future direction for nanoclays.



[Read Nanoclays: Synthesis, Characterization and Applications \(Hardback\) Online](#)
[Download PDF Nanoclays: Synthesis, Characterization and Applications \(Hardback\)](#)

Other eBooks



9787111391760HTML5 game developed combat (Huazhang programmers stacks) (clear and full(Chinese Edition)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment.Paperback. Pub Date :2012-07-01 Pages: 260 Publisher: Machinery Industry Press title: HTML5 game development...

[Save eBook »](#)



Walking (Paperback)

1st World Library, United States, 2004. Paperback. Book Condition: New. 208 x 134 mm. Language: English . Brand New Book ***** Print on Demand *****.Purchase one of 1st World Library's Classic Books and help...

[Save eBook »](#)



The Voyagers Series - Europe: A New Multi-Media Adventure Book 1 (Paperback)

Strength Through Communications, United States, 2011. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.The Voyagers Series is a new multi-media, multi-disciplinary approach to teaching...

[Save eBook »](#)



The Voyagers Series - Africa: Book 2 (Paperback)

Voyagers Series, Inc., United States, 2011. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.The Voyagers Series is a new multi-media, multi-disciplinary approach to teaching...

[Save eBook »](#)



Music for Children with Hearing Loss: A Resource for Parents and Teachers (Paperback)

Oxford University Press Inc, United States, 2014. Paperback. Book Condition: New. 228 x 156 mm. Language: English . Brand New Book. Written by an expert in the field who is both a teacher and a...

[Save eBook »](#)