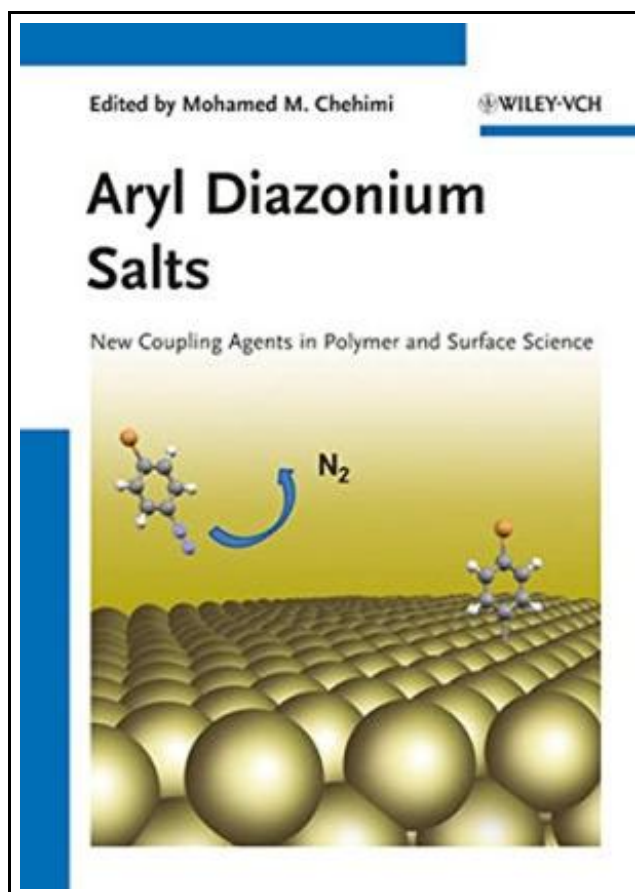


Aryl Diazonium Salts: New Coupling Agents in Polymer and Surface Science (Hardback)



Filesize: 2.57 MB

Reviews

An extremely great ebook with perfect and lucid answers. This is certainly for anyone who states that there was not a well worth looking at. It's been designed in an exceptionally simple way and is particularly only soon after I finished reading through this ebook in which actually transformed me, modify the way in my opinion.

(Libbie Farrell)

ARYL DIAZONIUM SALTS: NEW COUPLING AGENTS IN POLYMER AND SURFACE SCIENCE (HARDBACK)

DOWNLOAD



Wiley-VCH Verlag GmbH, Germany, 2012. Hardback. Book Condition: New. 1. Auflage. 246 x 176 mm. Language: English . Brand New Book. Diazonium compounds are employed as a new class of coupling agents to link polymers, biomacromolecules, and other species (e. g. metallic nanoparticles) to the surface of materials. The resulting high performance materials show improved chemical and physical properties and find widespread applications. The advantage of aryl diazonium salts compared to other surface modifiers lies in their ease of preparation, rapid (electro)reduction, large choice of reactive functional groups, and strong aryl-surface covalent bonding. This unique book summarizes the current knowledge of the surface and interface chemistry of aryl diazonium salts. It covers fundamental aspects of diazonium chemistry together with theoretical calculations of surface-molecule bonding, analytical methods used for the characterization of aryl layers, as well as important applications in the field of electrochemistry, nanotechnology, biosensors, polymer coatings and materials science. Furthermore, information on other surface modifiers (amines, silanes, hydrazines, iodonium salts) is included. This collection of 14 self-contained chapters constitutes a valuable book for PhD students, academics and industrial researchers working on this hot topic.



[Read Aryl Diazonium Salts: New Coupling Agents in Polymer and Surface Science \(Hardback\) Online](#)



[Download PDF Aryl Diazonium Salts: New Coupling Agents in Polymer and Surface Science \(Hardback\)](#)

Related Kindle Books



Baby Friendly San Francisco Bay Area New Parent Survival Guide to Shopping Activities Restaurants and Moreb by Elysa Marco 2005 Paperback

Book Condition: Brand New. Book Condition: Brand New.

[Save Document »](#)



The Mysterious Letter, a New Home, and Awakening to Adventure Captivating Stories for Pre-Teens by Awesome Child Authors

Rifll Publishing, Inc. Paperback. Book Condition: New. Paperback. 88 pages. Dimensions: 8.8in. x 5.9in. x 0.2in. This book is a collection of three stories and one poem, selected from the entries to a writing contest open...

[Save Document »](#)



Everything Ser The Everything Green Baby Book From Pregnancy to Babys First Year An Easy and Affordable Guide to Help Moms Care for Their Baby And for the Earth by Jenn Savedge 2009 Paperback

Book Condition: Brand New. Book Condition: Brand New.

[Save Document »](#)



Weebies Family Halloween Night English Language: English Language British Full Colour

Createspace, United States, 2014. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Children s Weebies Family Halloween Night Book 20 starts to teach Pre-School and...

[Save Document »](#)



YJ] New primary school language learning counseling language book of knowledge [Genuine Specials(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 :2011-03-01 Pages: 752 Publisher: Jilin University Shop Books All the new...

[Save Document »](#)