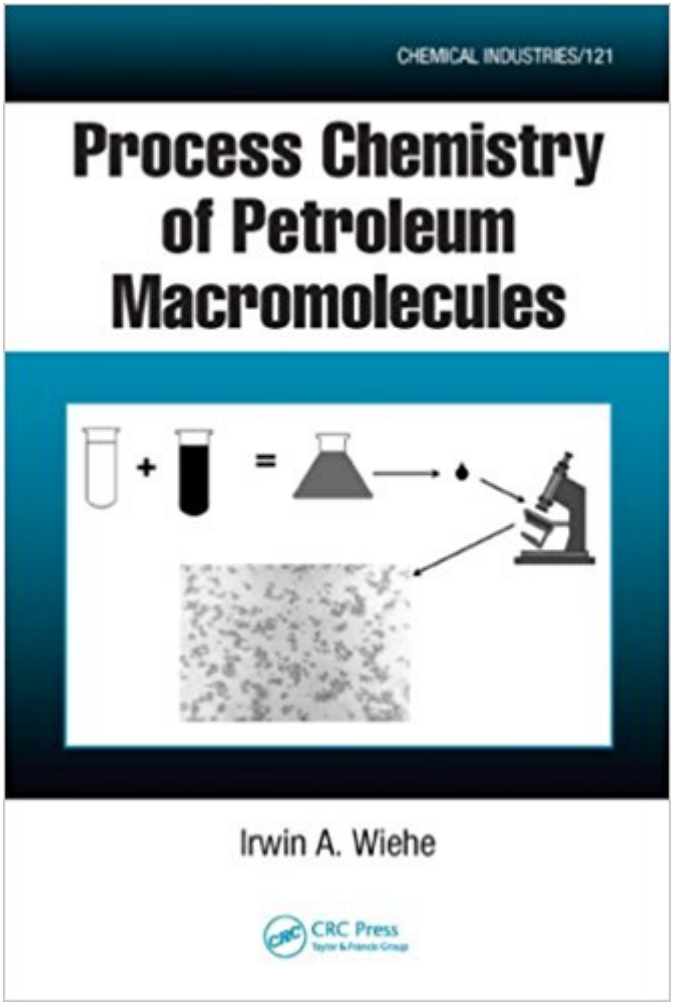
Ebook Directory
the best source of ebook

The book was found

Process Chemistry Of Petroleum Macromolecules (Chemical Industries)



PDF
Adobe
DOWNLOAD EBOOK

Synopsis

Although there is a shortage of light petroleum, there is plenty of heavy petroleum rich in macromolecules available, creating an increasing interest for processes that can convert heavy oils to light oils. Process Chemistry of Petroleum Macromolecules provides the scientific basis for such processes, presenting methods to determine improvement potential. Topics include characterization, thermal kinetics, phase behavior, and separation. Revealing that the science of petroleum macromolecules is simpler and more exciting than imagined, it also discusses macromolecules that self-associate, liquid crystalline phases, reactions triggered by phase separation, and both dispersed and dissolved solutes.

Book Information

Series: Chemical Industries (Book 121)

Hardcover: 456 pages

Publisher: CRC Press; 1 edition (June 20, 2008)

Language: English

ISBN-10: 1574447874

ISBN-13: 978-1574447873

Product Dimensions: 1 x 6 x 9 inches

Shipping Weight: 1.6 pounds (View shipping rates and policies)

Average Customer Review: 4.0 out of 5 stars 2 customer reviews

Best Sellers Rank: #1,714,254 in Books (See Top 100 in Books) #34 inÃ Â Books > Science & Math > Chemistry > Polymers & Macromolecules #458 inÃ Â Books > Engineering & Transportation > Engineering > Energy Production & Extraction > Fossil Fuels > Petroleum #630 inÃ Â Books > Science & Math > Chemistry > Industrial & Technical

Customer Reviews

I read this book over and over with high interest.It is very usefull for my current job. We have found at first two areas where the approaches of the author can be applied immediatly in the following subjects:1- Pay more attention in processing the crude mixtures which are soluble.2- Try to increase the conversion of the visbreaking so as the thermal cracking units in our refineries.Our futue project is to install a data base for the blendable crude oils.I highly recommend this book to other colleagues in the refineries.

This book presents a wealth of information on characterizing and processing heavy oils and

petroleum resids, with emphasis on insight into mechanisms of fouling that is closely related to processing of these materials, diagnosis of causes, and ultimate development of fouling mitigation remedies. It is a valuable reference book highly recommended to technical and professional personnel working in refineries and R&D on improving refinery energy efficiency and down time by alleviating fouling.

Download to continue reading...

Process Chemistry of Petroleum Macromolecules (Chemical Industries) Petroleum Refining Processes (Chemical Industries) Law and Business of the Entertainment Industries, 5th Edition (Law & Business of the Entertainment Industries) The Chemistry and Technology of Coal, Second Edition, (Chemical Industries) Macromolecules: Volume 1: Chemical Structures and Syntheses ISO 13503-2/Amd1:2009, Petroleum and natural gas industries - Completion fluids and materials - Part 2: Measurement of properties A Generalized Approach To Primary Hydrocarbon Recovery Of Petroleum Exploration & Production, Volume 4 (Handbook of Petroleum Exploration and Production) Stratigraphic Reservoir Characterization for Petroleum Geologists, Geophysicists, and Engineers, Volume 61, Second Edition (Developments in Petroleum Science) Binding and Linkage: Functional Chemistry of Biological Macromolecules Physical Chemistry of Macromolecules Chemical Process Safety: Fundamentals with Applications (3rd Edition) (Prentice Hall International Series in the Physical and Chemical Engineering Sciences) Synthetic Lubricants And High-Performance Functional Fluids, Revised And Expanded (Chemical Industries) Synthetic Lubricants and High-Performance Functional Fluids (Chemical Industries) Clathrate Hydrates of Natural Gases, Third Edition (Chemical Industries) Industrial Gases in Petrochemical Processing: Chemical Industries Transport Phenomena Fundamentals, Third Edition (Chemical Industries) Reaction Kinetics and Reactor Design, Second Edition (Chemical Industries) Handbook of Grignard Reagents (Chemical Industries) House Industries: The Process Is the Inspiration Applied Operational Excellence for the Oil, Gas, and Process Industries

Contact Us

DMCA

Privacy

FAQ & Help