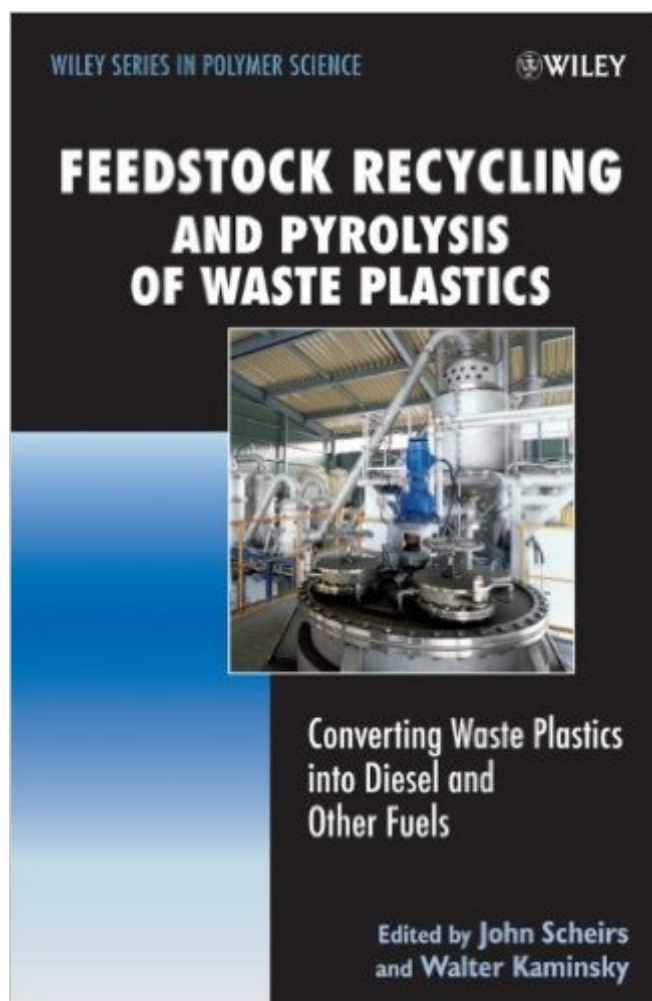


The book was found

# Feedstock Recycling And Pyrolysis Of Waste Plastics: Converting Waste Plastics Into Diesel And Other Fuels



## Synopsis

Pyrolysis is a recycling technique converting plastic waste into fuels, monomers, or other valuable materials by thermal and catalytic cracking processes. It allows the treatment of mixed, unwashed plastic wastes. For many years research has been carried out on thermally converting waste plastics into useful hydrocarbons liquids such as crude oil and diesel fuel. Recently the technology has matured to the point where commercial plants are now available. Pyrolysis recycling of mixed waste plastics into generator and transportation fuels is seen as the answer for recovering value from unwashed, mixed plastics and achieving their desired diversion from landfill. This book provides an overview of the science and technology of pyrolysis of waste plastics. It describes the types of plastics that are suitable for pyrolysis recycling, the mechanism of pyrolytic degradation of various plastics, characterization of the pyrolysis products and details of commercially mature pyrolysis technologies. This book also covers co-pyrolysis technology, including: waste plastic/waste oil, waste plastics/coal, and waste plastics/rubber.

## Book Information

Hardcover: 816 pages

Publisher: Wiley; 1 edition (May 12, 2006)

Language: English

ISBN-10: 0470021527

ISBN-13: 978-0470021521

Product Dimensions: 6.8 x 2 x 10 inches

Shipping Weight: 3.8 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #2,810,608 in Books (See Top 100 in Books) #42 in Books > Science & Math > Environment > Recycling #282 in Books > Engineering & Transportation > Engineering > Chemical > Plastics #789 in Books > Engineering & Transportation > Engineering > Materials & Material Science > Polymers & Textiles

[Download to continue reading...](#)

Feedstock Recycling and Pyrolysis of Waste Plastics: Converting Waste Plastics into Diesel and Other Fuels Wicked Charms: A Lizzy and Diesel Novel (Lizzy & Diesel Book 3) Bio Diesel Basics: A Simple Bio Diesel Handbook The Effect of UV Light and Weather on Plastics and Elastomers, Third Edition (Plastics Design Library) Fatigue and Tribological Properties of Plastics and Elastomers, Second Edition (Plastics Design Library) Plastics in Medical Devices, Second Edition: Properties,

Requirements, and Applications (Plastics Design Library) Expanded Discussion: of the Method for Converting Shipping Containers into a Habitable Steel Building Geoenvironmental Engineering: Site Remediation, Waste Containment, and Emerging Waste Management Technologies The Great Transition: Shifting from Fossil Fuels to Solar and Wind Energy How Iran Fuels Syria War: Details of the Irgc Command HQ and Key Officers in Syria Book 3: Lamp Fuels (The Non-Electric Lighting Series) DARK DIAMOND TWILIGHT: Last coal load out from Energy Fuels (Short True Account w/Photos) Geology of Fossil Fuels --- Coal: Proceedings of the 30th International Geological Congress, Volume 18 Part B Choosing a Jewish Life, Revised and Updated: A Handbook for People Converting to Judaism and for Their Family and Friends Food Packaging Science and Technology (Packaging and Converting Technology) HINDUISM: Hinduism for Beginners: Guide to Understanding Hinduism and the Hindu Religion, Beliefs, Customs, Rituals, Gods, Mantras and Converting to Hinduism One Gear: Converting and Maintaining Single Speed and Fixed Gear Bicycles Conversion Optimization: The Art and Science of Converting Prospects to Customers Marine Diesel Engines: Maintenance, Troubleshooting, and Repair Ford Super Duty F-250 & F-350 Pick-ups 1999 Thru 2010: Includes Gasoline and Diesel Engines (Haynes Repair Manual)

[Dmca](#)