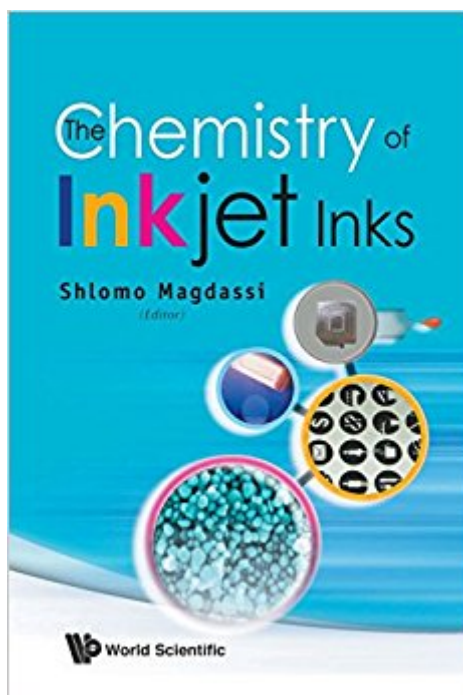


The book was found

# The Chemistry Of Inkjet Inks



## Synopsis

Modern printing is based on digitizing information and then representing it on a substrate, such as paper, pixel by pixel. One of the most common methods of digital printing is through inkjet printers. The process of inkjet printing is very complicated, and the ink used must meet certain chemical and physicochemical requirements including those related to storage stability; jetting performance; color management; wetting; and adhesion on substrates. Obviously, these requirements - which represent different scientific disciplines such as colloid chemistry, chemical engineering, and physics - indicate the need for an interdisciplinary book that will cover all aspects of making and utilizing inkjet inks. This book provides basic and essential information on the important parameters which determine ink performance. It covers not only the conventional use of inkjet technology on graphic applications, but also the extension of this method to print various functional materials, such as the use of conductive inks to print light-emitting diodes (Leds) and three-dimensional structures. Thus, the book will serve a large community: industrial chemists who deal with ink formulations and synthesis of chemicals for inks; chemical engineers and physicists who deal with the rheological and flow properties of inks; and researchers in academic institutes who seek to develop novel applications based on inkjet printing of new materials.

## Book Information

Paperback: 354 pages

Publisher: Wspc (July 31, 2009)

Language: English

ISBN-10: 9813203498

ISBN-13: 978-9813203495

Product Dimensions: 6 x 0.8 x 9 inches

Shipping Weight: 1.3 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #729,347 in Books (See Top 100 in Books) #243 in Books > Science & Math > Chemistry > Industrial & Technical #473 in Books > Textbooks > Engineering > Chemical Engineering #920 in Books > Engineering & Transportation > Engineering > Chemical

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

The Chemistry Of Inkjet Inks Digital Art Studio: Techniques for Combining Inkjet Printing with Traditional Art Materials Analysis and Deformulation of Polymeric Materials: Paints, Plastics, Adhesives, and Inks (Topics in Applied Chemistry) Study Guide: Ace Organic Chemistry I - The

EASY Guide to Ace Organic Chemistry I: (Organic Chemistry Study Guide, Organic Chemistry Review, Concepts, Reaction Mechanisms and Summaries) Ace General Chemistry I and II (The EASY Guide to Ace General Chemistry I and II): General Chemistry Study Guide, General Chemistry Review Pigments of Your Imagination: Creating with Alcohol Inks The Art of Polymer Clay Creative Surface Effects: Techniques and Projects Featuring Transfers, Stamps, Stencils, Inks, Paints, Mediums, and More Crafting with Alcohol Inks: Creative Projects for Colorful Art, Furniture, Fashion, Gifts and Holiday Decor Creative Dyeing for Fabric Arts with Markers & Alcohol Inks: Dye Scarves, Wearables, ATCs, Postcards, Quilts and Stitched Collages Stamping Made Easy: Everything You Need to Know About Rubber Stamps, Inks for Scrapbook Pages, & Cards What is Organic Chemistry? Chemistry Book 4th Grade | Children's Chemistry Books Surviving Chemistry Review Book: High School Chemistry: 2015 Revision - with NYS Chemistry Regents Exams: The Physical Setting Surviving Chemistry Workbook: High School Chemistry: 2015 Revision - with NYS Chemistry Reference Tables Modern Chemistry Florida: Holt Chemistry and Modern Chemistry FCAT Standardized Test Preparation Surviving Chemistry Guided Study Book: High School Chemistry: 2015 Revision - with NYS Chemistry Regents Exams: The Physical Setting Tietz Fundamentals of Clinical Chemistry and Molecular Diagnostics, 7e (Fundamentals of Clinical Chemistry (Tietz)) Combining Chemicals - Fun Chemistry Book for 4th Graders | Children's Chemistry Books Glencoe Physical iScience Modules: Chemistry, Grade 8, Student Edition (GLEN SCI: CHEMISTRY) Acids and Bases - Food Chemistry for Kids | Children's Chemistry Books Collins CAPE Chemistry &#150; CAPE Chemistry Multiple Choice Practice

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)