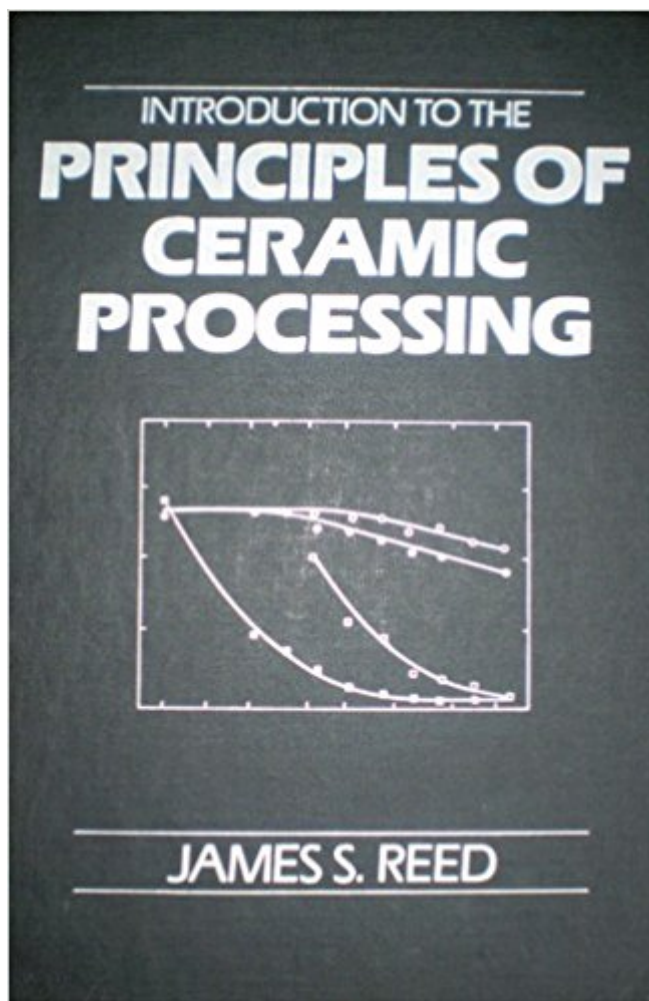


The book was found

Introduction To The Principles Of Ceramic Processing



Synopsis

Here is the first multidisciplinary overview of the scientific principles and engineering technology involved in processing ceramic powders and granular materials into fired ceramic products. It presents a systematic development of the chemistry underlying modern materials, such as glass, porcelain, enamels, abrasives, and refractories. Explains their characterization and specification, selection of processing additives, testing requirements, causes and prevention of product defects, and all other areas of development. Each process involved in producing ceramic products is clearly detailed; these include packing, mixing, separation, granulation, forming and molding, drying, finishing, and much more.

Book Information

Hardcover: 486 pages

Publisher: Wiley-Interscience; 1 edition (February 26, 1988)

Language: English

ISBN-10: 047184554X

ISBN-13: 978-0471845546

Product Dimensions: 6.3 x 1.2 x 9.4 inches

Shipping Weight: 1.8 pounds

Average Customer Review: 5.0 out of 5 stars 1 customer review

Best Sellers Rank: #2,134,750 in Books (See Top 100 in Books) #95 in [Books > Engineering & Transportation > Engineering > Chemical > Coatings, Ceramics & Glass](#) #167 in [Books > Engineering & Transportation > Engineering > Materials & Material Science > Extraction & Processing](#) #1283 in [Books > Textbooks > Engineering > Chemical Engineering](#)

Customer Reviews

If your work involves particles, you need this book. Particles could be concrete, or copier toner, or flour or zinc oxide nanowires, if you take the time to read this book, you'll be able to do a dozen new things with your humble particles. Disperse them in fluids, measure their sizes, control their zeta potential, cast them into molds, press them in to dies, sinter them into a brick, you name it. Jim's book has been with me for 10 years, and I still use it almost every week.

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

Introduction to the Principles of Ceramic Processing Modern Ceramic Engineering: Properties, Processing, and Use in Design, 3rd Edition (Materials Engineering) Modern Ceramic Engineering:

Properties, Processing, and Use in Design, 2nd Edition (Engineered Materials) Ceramic Processing
Ceramic Processing And Sintering (Materials Engineering) Ceramic Processing, Second Edition
Discrete-Time Signal Processing (3rd Edition) (Prentice-Hall Signal Processing Series) Materials
Processing: A Unified Approach to Processing of Metals, Ceramics and Polymers Multidimensional
Digital Signal Processing (Prentice-Hall Signal Processing Series) Discrete-Time Signal Processing
(2nd Edition) (Prentice-Hall Signal Processing Series) Physical Ceramics: Principles for Ceramic
Science and Engineering Introduction to Metal-Ceramic Technology Introduction to Phase Equilibria
in Ceramic Systems Principles of Ceramics Processing, 2nd Edition Principles of Ceramics
Processing Polymer Processing: Principles and Design Principles of Polymer Processing Handbook
of Natural Gas Transmission and Processing, Third Edition: Principles and Practices Principles of
Mineral Processing Handbook of Natural Gas Transmission and Processing: Principles and
Practices

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)