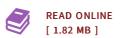




## Microstructural Analysis of the Ceramic Corrosion in Frit Melts

By Senöz, Ceylan

Book Condition: New. Publisher/Verlag: VDM Verlag Dr. Müller | A Closer Look: Glass/Ceramic Interfaces Corrosion Induced by Frit Melts in Alumina | Ceramic products are made from natural or synthetic raw materials and generally characterized by their high hardness and melting point combined with low toughness and resistance to fracture. They are the combination of complex oxides and silicates, also useful carbide, nitride, and boride ceramics are produced. One of the popular applications of ceramics are crucibles, vital materials used in the scientific research for melting different types of solid samples at varying high temperatures. This book mainly addresses the investigations on the thermodynamic compatibility and speed of manufacture of the potential crucible materials which can be produced in-house and considers their use in corrosion testing of frit furnace refractories and interactions with frit melts. Dense alumina and zirconia crucibles are manufactured in the laboratory by slip casting and tested for their resistance to corrosive attack by opaque and transparent frits. Microstructural analysis of the surfaces and/or interfaces are achieved by the use of principle methods of characterization including diffraction, light and electron microscopy as well as other analytical techniques. | Format: Paperback | Language/Sprache: english | 84 pp.



## Reviews

I just started off reading this article publication. It is definitely simplistic but surprises in the 50 percent of your ebook. You are going to like how the author create this publication.

-- Clint Labadie

A high quality book and also the typeface utilized was exciting to read. This really is for anyone who statte there was not a worthy of reading. I am easily will get a enjoyment of reading a written ebook.

-- Burnice Carter

## Related Kindle Books



The Adventures of Sheriff Williker: /Book 1: The Case of the Missing Horseshoe

Createspace, United States, 2014. Paperback. Book Condition: New. Kim Hansen (illustrator). large type edition. 216 x 216 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*\*. A missing horseshoe for a prize winning horse.a set of mysterious footprints.suspicious looking characters....



Index to the Classified Subject Catalogue of the Buffalo Library; The Whole System Being Adopted from the Classification and Subject Index of Mr. Melvil Dewey, with Some Modifications.

Rarebooksclub.com, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*. This historic book may have numerous typos and missing text. Purchasers can usually download a free scanned copy of the...



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.



Games with Books: 28 of the Best Childrens Books and How to Use Them to Help Your Child Learn - From Preschool to Third Grade

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



Games with Books: Twenty-Eight of the Best Childrens Books and How to Use Them to Help Your Child Learn - from Preschool to Third Grade

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



Learn the Nautical Rules of the Road: An Expert Guide to the COLREGs for All Yachtsmen and Mariners

Fernhurst Books Limited. Paperback. Book Condition: new. BRAND NEW, Learn the Nautical Rules of the Road: An Expert Guide to the COLREGS for All Yachtsmen and Mariners, Paul B. Boissier, Expert information for yachtsmen and professional mariners. This is the ideal book...