Record Nr. UNISA996202866303316 62nd Porcelain Enamel Institute Technical Forum [[electronic resource]] **Titolo** : May 16-19, 2000, Nashville, Tennessee / / Jeffrey Sellins, conference director: Liam O'Byrne, assistant conference director: William D. Faust, Pubbl/distr/stampa Westerville, OH,: American Ceramic Society, c2000 **ISBN** 1-282-31453-X 9786612314537 0-470-29464-7 0-470-29509-0 Descrizione fisica 1 online resource (164 p.) Collana Ceramic engineering & science proceedings, , 0196-6219; ; v. 21/5 Altri autori (Persone) SellinsJeffrey O'ByrneLiam FaustWilliam D (William Darry) Disciplina 620.14 Soggetti Enamel and enameling Ceramics Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Nota di contenuto 62nd Porcelain Enamel Institute Technical Forum; Contents; Foreword; Evolution of Cookstove Designs and Manufacturing Techniques; An Overview of Color Matching in Porcelain Enamel; The Application of Multi-Colored Porcelain Graphics; The Effect of Shear Stress on the Rheology of Premilled Enamels: Porcelain Enamels with Improved Chip Resistance; Wet and Powder Enameling with the EIC High-speed Bell Atomizer; Surface Preparation and the Porcelain Enameling Industry; Update: A. 1. Andrew's Defects Films; Developments in Processing Hanger Technology; Heat-Reflecting Enamel for New Ovens Anti-Microbial Porcelain EnamelsOxidation-Reduction Equilibrium in Frit Approach to Mechanism of Bond; Porcelain Enamel Firing on Cast Iron; The New lithium Market; OSHA and EPA Issues; PEI Environmental Committee Report on Recent Activities; ISO 14000: An Overview; The Effects of Moisture on Powder Properties; Proper Care of Porcelain **Enamel Powder for Electrostatic Application**

Sommario/riassunto

This volume is part of the Ceramic Engineering and Science Proceeding (CESP) series. This series contains a collection of papers dealing with issues in both traditional ceramics (i.e., glass, whitewares, refractories, and porcelain enamel) and advanced ceramics. Topics covered in the area of advanced ceramic include bioceramics, nanomaterials, composites, solid oxide fuel cells, mechanical properties and structural design, advanced ceramic coatings, ceramic armor, porous ceramics, and more.