Record Nr. UNINA9910829966103321 68th Porcelain Enamel Institute Technical Forum [[electronic resource]] **Titolo** : a collection of papers presented at the 68th Porcelain Enamel Institute Technical Forum, May 15-18, 2006, Nashville, Tennessee // conference director, Holger Evele; assistant conference director, Peter Vodak; editor, William D. Faust Westerville, Ohio, : American Ceramic Society, c2007 Pubbl/distr/stampa **ISBN** 1-282-31456-4 9786612314568 0-470-29138-9 0-470-29180-X Descrizione fisica 1 online resource (238 p.) Collana Ceramic engineering and science proceedings, , 0196-6219; ; v. 27/9 Altri autori (Persone) EveleHolger VodakPeter FaustWilliam D (William Darry) Disciplina 666.2 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 bibliografia Includes bibliographical references and author index. Nota di contenuto 68th Porcelain Enamel Institute Technical Forum; Contents; Preface; 2006 PEI Officers; 2006 Technical Forum Committee; Past PEI Technical Forum Committee Chairs; A.I. Andrews Memorial Lecture; Nanotechnology-Challenges and Opportunities for the Future; Energy and Raw Materials; The Electricity Market & Critical Issues; The Current Lithium Situation; Energy Saving Recommendations-Panel Discussion; Laboratory Investigations; Glassy Surface Functional Modification by Nano-Modified Sol-Gel Technology; Update on the Status of Porcelain **Enamel Powder Applications Worldwide** The Use of Specialized Enamel Coatings to Bond Concrete to SteelUsing Coefficient of Thermal Expansion (CTE) to Help Solve Porcelain Enamel Stress-Related Problems; Choosing the "Correct" Equipment and Abrasive for Your Application; Grit Blasting Case Study; Phosphate

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Sommario/riassunto

The Porcelain Enamel Institute showcases and promotes innovations in materials and processing to improve the overall efficiency of enamelling operations, encourages product use in all possible applications, and advances and protects the legitimate interests of the industry and its individual members. Papers that comprise this book are taken from the 68th Annual Porcelain Enamel institute Technical Forum, May 15-18, 2006. Organized and sponsored by The American Ceramic Society and The American Ceramic Society's Engineering Ceramics Division in conjunction with the Nuclear and Environment