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Collana	Ceramic engineering & science proceedings, , 0196-6219 ; ; v. 17/1
Altri autori (Persone)	WoodRussell
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Nota di contenuto	<p>Ceramic Engineering & Science Proceedings Issue 1, 1996; Table of Contents; Storage Handling of Ceramic Products by Means of AGVs; Kaolins in Southwest England; Technological and Product Requirements for Fast Firing Glass-Ceramic Glazes; Effects of Polyacrylate and Sodium Silicate Dispersant on Plaster Mold Characteristics; Oxidation-Reduction Reactions in Fast-Fire Glazes; A Preliminary Investigation of Sanitaryware Slip and Influencing Factors for a Pressure Cast System; Cerdec Bulk Bag Doser Evaluation; Floor and Wall Tile Production Through a Multipurpose Body Examination of Fast-Fire Frits and Glazes Using a Hot Stage Microscope at Different Heating Rates Advances in Isostatic Pressing; Hectorite as a Critical Element in Manufacturing High-Grade Ceramic Slips, Bodies, and Glazes; Predictive Process Control: Varying Raw Materials Properties Can Produce Constant Body Properties; Analyzing the Color of Reddish Glazes; Al₂O₃-Strengthened Feldspathic Porcelain Bodies: Effects of the Amount and Particle Size of Alumina; Injection Molding of Porcelain; Colors for Ceramic Bodies; Polyacrylate Developments in Sanitaryware Slurries Pressure Casting Rate Analysis Using a Baroid Filter Press International Standards for Lead and Cadmium Release from Ceramic Foodware Surfaces; Variables Encountered in Dry Pressing Technical Ceramics; In Situ Liquid Pressure Measurements Using a Hypodermic Needle: Constant Rate Pressure Casting; The Effect of Ball Clays on Tile Body Formulations; Optimizing Throughput in Tile Plants; Coloring Effects of Synthetic Inorganic Cobalt Pigments in Fast-Fired Porcelainized Tiles; The Chemical Durability of a Boroaluminosilicate Glass Wollastonite, Pyrophyllite, and Talc for Rapid-Fire Wall Tile Bodies Designing in Ceramic Tile; Recent Advances in Understanding Gelation in Sanitaryware Slips; Evolution in Presses; Using a Simple Feedback Loop to Accurately Count and Track Work in Process; Effect of Drying Air Pressure on the Slip Casting Process; Color Trends 1995-96</p>
Sommario/riassunto	<p>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.</p>