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Development of Glazes; Materials and Equipment; Kentucky-Tennessee Clay Company Sanitary Ware Survey 1990-1991; Classification of Select Clays Using Methylene Blue and Particle- Crowding Indices
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Optimized Processing of Advanced Ceramics: A Case Study in Slip Casting Y-TZPExtrusion of Lightweight Construction Materials from Fly Ash; Total Cost Approach for Ceramic Component Development; Self-Reinforced Silicon Nitride by Gas Pressure Sintering; Design for Manufacturing for Cellular Ceramic Substrates; Sintering of Alumina Coating on Tungsten and Tungsten-Rhenium Alloywires; Ceramic Technology; Ceramic Processing Using Designed Partial Factorial Experiments; Development of a Cost-Effective Silicon Nitride Powder in DOE'S Ceramic Technology Project
Predicting Wrudability of Batch via Torque and Capillary RheometryCost-Effective Sintered Reaction-Bonded Silicon Nitride for Structural Ceramics; High-Temperature Compression Test Apparatus for Fiber-Reinforced Ceramic Composites; Tunable TM010 Mode Cavity with Variable Coupling for Microwave Processing of Low-Loss Materials; Sol-Gel Route to Celsian Ceramic; Precise Control of Shrinkage for Near-Net-Shape Forming; The Environment; Crystalline Silica; Solution Release of Lead from Incinerator Slagsatate of the M; Permitting Under the Clean Air Act of 1990
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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.