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	Oxidative Degradation Behavior of Polycarbosilane-Derived Silicon Carbide Fibers; On the Way to Cost-Effective Oxidation Protection Techniques of CMCs. Case Study of Tyranno-Hex Materials Investigation of Microwave Behavior of Silicon Carbide/ High Alumina Cement CompositesMicrowave-Induced Combustion Synthesis of Tic- Al2O3 Composites; Methods for Joining Silicon Carbide Composites for High-Temperature Structural Applications; Coatings Development; Formation of Interface Coatings on SIC and Sapphire Fibers Using Metal Doped Carboxylate-Alumoxanes; The Growth and Structure of Nanocrystalline ZrO2:Y Thin Films; Protective Coatings for Inframd Materials; Grain Growth and Tensile Strength of 3M Nextel 720TM after Thermal Exposure Sol-Gel Synthesis of Zircon-Carbon Precursors and Coatings of Nextel 720TM Fiber TowsDissolution, Reactions, and Diffusion in the SiCICITIB, and SiC/C/TiB2 + Liquid Silicon Systems at 1450°C; Microstructural Assessment; Evaluation of Microstructure for SiC/SiC Composites Using Mercury Intrusion Method; Mechanical and Microstructural Properties of NexteITM 720"" Relating to Its Suitability for High-Temperature Application in CMCs; Effect of Dopants on Anisotropic Grain Growth in Oxide-Matrix Materials Advanced Materials Partnership: Gelcast Silicon Nitride Turbomachinery Technology to CommercializationCost Modeling and Analysis for Advanced Structural Silicon Nitride Turbomachinery Ceramics; Gelcasting Advancement for Manufacturing Scale-up; Gelcasting Automation for High-Volume Production of Silicon Nitride Turbine Wheels; Gelcast Slurry Enhancement; Improved Gelcasting Systems; Structure-Property Relationships; Mechanical Behavior of a Hi-Nicalon"" Sic Composite Having a Polycarbosilane Derived Matrix Comparison of the Tensile, Creep and Rupture Strength Properties of
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