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Carbide; Comparison of Armor Ceramics Made by Spark Plasma Sintering (SPS) and Pressureless Sintering; Pressureless Sintering of SiC-B4C Composites; Development of Transparent Polycrystalline Beta-Silicon Carbide Ceramic using Field Assisted Sintering Technology; Densification of Synthesized Boron Carbide Powders using SPS; Consolidation of Aluminum Magnesium Boride (AlMgB14) by Pulsed Electric Current Sintering (PECS) Technique; Ultrasonic Nondestructive Characterization of Transparent Spinel Microstructure; Author Index

Sommario/riassunto

Ceramic Engineering and Science Proceedings Volume 34, Issue 5 - Advances in Ceramic Armor IX A collection of 14 papers from The American Ceramic Society's 37th International Conference on Advanced Ceramics and Composites, held in Daytona Beach, Florida, January 27-February 1, 2013. This issue includes papers presented in the Armor Ceramics Symposium on topics such as Manufacturing; High-Rate Real-Time Characterization; Microstructural Design; Nondestructive Characterization; and Phenomenology and Mechanics of Ceramics Subjected to Ballistic Impact. <h>
