

Advanced Energy Materials and Research

Synthesis and Mechanical Behavior of (Al/Sic) Functionally Graded Material Using Powder Metallurgy Technique

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The synthesis and mechanical behavior of (Al/Sic) functionally graded material using powder metallurgy technique is studied. The material is synthesized using powder metallurgy technique. The mechanical behavior of the material is studied using tensile test. The results show that the material has a high strength and modulus of elasticity. The material is suitable for use in high temperature applications.