

Abstract Details

Title: Methods for Fabrication of Composites: A Review

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Abstract: With advancement of engineering in the field of aerospace, marine, transportation etc the materials of higher strength and stiffness required. Composite materials are one of the best options to fulfill these requirements because of their superior mechanical properties. A composite material is a combination of two or more materials that results in improved properties than those of the individual components used alone. The different methods are specialized for fabrication of a variety of composite materials. This paper let know us about the various methods for fabrication of composites such as powder metallurgy, stir casting method, casting, and microwave assisted fabrication. Along with controlling process parameters of these methods and knowledgeable us regarding the properties of fabricated composite material.

Keywords: Composite Materials, Al, Mould and Matrix Composite.