

ABSTRACT

DEVELOPMENT OF E GLASS JUTE EPOXY REINFORCED NATURAL HYBRID COMPOSITE

Composites cannot be made from constituents with divergent linear expansion characteristics. Choice of fabrication method depends on matrix properties and the effect of matrix on properties of reinforcements.

It is desired to produce low cost, high quality, sustainable and environmental friendly materials. It has been found from the researched study that the lower mechanical properties and poor compatibility between polymer matrix and fibers.

E GLASS and JUTE are used in the process and are developed using hand lay up technique . angle orientation is done during the lay up technique.