

Al7075 alloy Based Metal Matrix Composite Materials

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Abstract: In recent years there is a lot of research work has been carrying out on Aluminium alloy and its metal matrix composites. Since a Aluminium alloys are applied in the areas of Aerospace, Automobile, Defence, marine and Structural applications. Aluminium alloy based metal matrix composites has given enhanced favourable properties when combine with different weight percentage and sizes of reinforcements in Matrix materials. It has given good results of Physical, Mechanical, Morphological and Tribological properties. It also has Good corrosion, Wear resistance and Excellent machinability properties also

Keywords: Aluminium alloy, Al7075, Fabrication techniques.

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