

Experimental Investigations On Mechanical Behaviour of MoO₃ Reinforced AA6062 By Powder Metallurgy

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ABSTRACT

The aim of the project is to produce MoO₃ reinforced AA6062 composites with different weight percentages. The composites will be prepared through PM route. The compositions of the composites are AA6062, AA6062-3%MoO₃, AA6062-6%MoO₃ & AA6062-9% MoO₃. After fabrication the composites will be subjected to various mechanical testing's such as hardness and compressive strength.

Keywords: AMMCs and Hardness.