

EFFECT OF WEIGHT PERCENTAGE OF SILICON CARBIDE (SiC)  
REINFORCEMENT PARTICLES ON MECHANICAL BEHAVIOR OF  
ALUMINUM METAL MATRIX COMPOSITE (Al MMC)

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**BORANG PENGESAHAN STATUS TESIS ♦**

**JUDUL: EFFECT OF WEIGHT PERCENTAGE OF SILICON CARBIDE (SiC) REINFORCEMENT PARTICLES ON MECHANICAL BEHAVIOR OF ALUMINIUM METAL MATRIX COMPOSITE (Al MMC)**

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**LIST OF SYMBOLS**

%	Percent
$\varnothing_{in}$	Inner diameter

**LIST OF ABBREVIATIONS**

A	Area
Al	Aluminum
Al MMC	Aluminum Metal Matrix Composite
Al-B	Boron reinforcing Aluminum alloy
Al-Li	Lithium reinforcing Aluminum alloy
B	Boron
Co	Cobalt
CMC	Ceramic Matrix Composite
DMD	Disintegrated Melt Deposition
F	Force
FCC	Face centered cubic
HIP	Hot Isostatic Pressing
HV	Vickers pyramid number
IM	Ingot Metallurgy
M	Magnification
Mg	Magnesium
MMC	Metal Matrix Composite
Pb	Plumbum
PM	Powder Metallurgy
PMC	Polymer Matrix Composite

PTE	Polarization Transformation Efficiency
Sn	Stannum
Ti	Titanium
TR	Theta radiation
UV	Ultraviolet
Vol%	Volume percentage
Wt%	Weight percentage