

# Review of: "The Influence of Hot Extrusion on The Mechanical and Wear Properties of an Al6063 Metal Matrix Composite Reinforced With Silicon Carbide Particulates"

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Potential competing interests: No potential competing interests to declare.

The present study showed some results of the mechanical and wear properties of SiC-reinforced Al alloys. However, these results are doubtful and almost devoid of analysis for the properties' performance. The paper is very rough and more like an experimental report. Also, the language is a little strange, though it can be understood.

1. There is no microstructural information on the SiC-reinforced Al alloys. As we know, the properties' performance is determined by the microstructure. It is suggested to characterize the microstructure and establish the relationship between the microstructure and properties.
2. How did the authors measure the porosity of the bulk materials?
3. It is suggested to present the stress-strain curves and add error bars in Figs. 3-6.
4. The graphs of the samples for measurement could be deleted.
5. Vickers hardness is very limited for the materials in the present study. It is suggested to carry out macro-hardness tests.