

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.

Dear All,

The article "*The Influence of Hot Extrusion on The Mechanical and Wear Properties of an Al6063 Metal Matrix Composite Reinforced With Silicon Carbide Particulates*" describes one of the most important issues in the industry of reinforced materials aimed at improving the mechanical properties; also, in this study, the focus was on adhesive wear. Aluminum alloys 6063 have a very high trend to be used in industry by reinforcing them as alloys with fractions of SiC.

The purpose of the study has been achieved and is clearly expressed in the conclusions as well, and the experimental part consists of a very good organization of the study of mechanical properties.

Suggestions:

- The abstract should express a few values for comparison of the samples according to the experimental work that showed a significant improvement in mechanical and wear resistance; it should be more concrete;
- Graphs 14, 15, 16, and 17 must increase the resolution of the SEM microstructure/micrographs ;
- It would be interesting to have a microstructure of the Vickers indentation to provide a visual comparison between reinforced samples;
- Also, the chemical composition of Aluminum alloys 6063 used in this study should be added;

I wish success to the working research group for this well-done study.

Best regards,

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