

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.

Article, "The influence of hot extrusion on the mechanical and wear properties of an Al6063 MMC reinforced with SIC particulates," needs revision.

1. The abstract can be more refined and detailed; avoid generic information.
2. The introduction can be revised further. Refer to the articles "Automotive lightweight multi-material sheets joining through the friction stir welding technique: An overview," "The utilization of coconut shell ash in the production of hybrid composites: Microstructural characterisation and performance analysis," "Influence of the tool rotational speed on the mechanical and corrosion behaviour of friction stir processed AZ31/Al₂O₃ nanocomposites."
3. Mention the manufacturing details of the particle size analyser used in the current study.
4. The authors need to mention the possible errors of the experiment.
5. XRD and EDS are missing.
6. Provide a fractography analysis of the tensile and hardness tests. Refer to the articles "Effect of Rotational Speed on Mechanical, Microstructure, and Residual Stress Behaviour of AA6061-T6 Alloy Joints through Friction Stir Welding," "Some studies on the Heat-Affected Zone (HAZ) toughness behavior of API 5L X52 steel."
7. Rewrite the conclusions; please understand that the Conclusion chapter is not a summary of your work. Present only original and industrially significant revelations that have the potential to expand the horizon of human knowledge.