

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

B. N. Sreeharan¹

¹ Kumaraguru College of Technology

Potential competing interests: No potential competing interests to declare.

Comments

1. Is the concept of hot extrusion of composites unique?
2. Does the composition of composites have any uniqueness?
3. State the reasons why an extrusion ratio of 9.0 was selected. Similarly, why 500 degrees celsius?
4. Provide the specific application of this composite.
5. Avoid group citations, e.g., [3] and [4], [15] and [16], [19] and [20], etc. Please be specific in citing the references.
6. A uniform citation style is to be maintained.
7. What are the reasons for selecting the stated stir casting parameters?
8. What weight percentage of pre-heated silicon carbide is added?
9. In the abstract, the extrusion temperature is mentioned as 500 °C, and under fabrication, it is mentioned as 550. Kindly provide the correct temperature.
10. The quality of Fig. 3 needs to be improved. In general, the qualities of all the figures need to be improved.
11. What are the inferences from graph 9?
12. Magnification factor in SEM images, please.
13. Kindly avoid bullets in the conclusion.
14. Provide DOI numbers for all the references, please.