

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 authors reported in the article titled "The Influence of Hot Extrusion on the Mechanical and Wear Properties of an Al6063 Metal Matrix Composite Reinforced With Silicon Carbide Particulates" have interesting work on hot extrusion. The manuscript cannot be accepted in its present form; it has to go through major revision. The authors should address the queries mentioned below and rewrite the introduction section.

1. In section 2.1, there is a line saying "The aluminum ingots were procured locally and melted in an electric resistance furnace to molten liquid form." Authors should mention details like electric resistance and temperature.
2. Results and discussion 3.1, graphs 1 and graph 2 concluded the relationship between density and porosity. It may reflect that the term is relative, but specific numbers should be more convincing, mentioning the percentage increase or decrease. Authors should increase the graph quality; 600 dpi may be quite clear. In the graphs, authors should clearly mention the axes and units on their respective axes.
3. In section 3.2, authors should repeat the instructions for graphs mentioned in query 2.
4. Results and discussion section needs to be rewritten, and graphs should be redrawn, and the reasons should be explained clearly.
5. Figures 14-17: The SEM images should have scales. The images are not clear.
6. Authors must rewrite the conclusion part descriptively and statistically.