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.

1. From the point of “Clarity and Structure”: The manuscript is well-structured in terms of the sections such as introduction, methodology, results, and conclusion. The authors have carried out their work in a sequential manner, making use of the contents of previous studies. The quality of the taken pictures is low.

2. Originality and Contribution to the literature: The paper requires improvement regarding innovative findings.

3. The experimental methodology is logical, and the analyses are appropriate.

4. According to results and interpretation, the presented results are well expected. There is no novelty in the results. At the start of the research, it was noted that aluminum materials are notable for their lightweight properties. However, no recommendations or studies were made to decrease the density, which increases as the mixing ratio increases. The impact of increased porosity on density has not been adequately discussed. If the correlation between porosity increase and particle size is examined, the study's quality may improve. Porosity measurements could be supported by the micro images, or an Archimedes test may be conducted for the evaluation of the porosity level. Elastic modulus values could be checked by RFDA measurement techniques, and increasing elastic values could be discussed in more detail.

5. The accuracy of the references seems enough.

6. Clarity and Language are acceptable.