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.

In the paper, the mechanical and wear properties of an Al 6063 metal reinforced with SiC for 'as-cast' and 'hot extruded' conditions were investigated systematically. The authors list various experimental data, such as density, porosity, tensile strength, compression strength, impact strength, wear properties, etc. However, in my point of view, there are some analytical and writing issues in the paper, as below:

1)The density and porosity show a similar trend. Does it indicate that the preparation process can be optimized?

2)It is not easy to find the differences by looking at the macroscopic photos of the samples. In addition, it may be better to label each sample in a prominent place.

3)Such kinds of phrases as 'Tensile Test Result' and 'Compression Test' are not suitable as titles.

4)Does Fig.2 refer to the samples before the compression test? What will it be after the test?

5) Mechanism analysis is suggested to be more detailed.