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.

This article reports the mechanical and wear behavior of aluminium 6063 alloy reinforced with different weight fractions of SiC for 'as-cast' and 'hot extruded' conditions. The experimental results are rich, and the data is reliable. The research results have good reference value for improving the mechanical properties of aluminum alloys. The paper can be published. Problems in the paper:

1. Most of the images in the paper are not clear enough, especially the data images and SEM photos.

2. It is recommended to supplement the XRD characterization of the crystalline state of the composite materials. Then, combined with XRD patterns, further analyze the influence of the material structure on mechanical properties.