

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 manuscript "The Influence of Hot Extrusion on The Mechanical and Wear Properties of an Al6063 Metal Matrix Composite Reinforced With Silicon Carbide Particulates" explains the influence of hot extrusion on the mechanical and wear properties of the Al6063 matrix composite reinforced with SiC particulate.

Several comments are listed as follows:

1. The "scanning electron microscope" should not be a keyword.
2. In section 2, only one sub-section of 2.1 addresses the fabrication of the composite. Here should be the other sub-sections about the microstructure characterization, mechanical property test, and wear test.
3. The methods to test the density and porosity should be given in section 2.
4. Page 5, "It was noticed that the porosity of the composite is mainly influenced by the particle size of the ceramic reinforcements." Is this known from some literature? If yes, please add the citation.
5. It is hard to distinguish the specimens in Fig. 1; the corresponding weight fraction of SiC of each specimen should be marked in the figure.
6. How many tests were done for each sample? The error bars should be given in the mechanical test results (both figures and text).
7. The format of references should be the same. Some of the references lack the information of DOI.