

Review of: "The Influence of Hot Extrusion on The Mechanical and Wear Properties of an Al6063 Metal Matrix Composite Reinforced With Silicon Carbide Particulates"

Feng Xiaohui1

1 Chinese Academy of Sciences

Potential competing interests: No potential competing interests to declare.

SiC/Al alloy composites have a wide range of applications. Although there have been many related research results, this study, especially the results on friction performance, still has some value. However, it would be better if some issues were addressed in this article:

- 1. All the images in the paper are very blurry. It is strongly recommended that the author replace them with high-resolution images.
- 2. For Al alloy melt, stirring at 300 to 400 rpm at 720 C does not seem to be very fast. Suggest the authors provide OM or SEM images to demonstrate the dispersion effect of the enhanced phase particles.
- 3. To highlight the application value of the results, it is strongly recommended the authors compare their performance results with those reported works since there are already many similar preliminary research results.

Qeios ID: E34M42 · https://doi.org/10.32388/E34M42