

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.

- What is the significance of studying the mechanical and wear properties of Al6063 metal matrix composite reinforced with silicon carbide particulates?
- What is the rationale behind choosing hot extrusion as the processing method for this metal matrix composite?
- What are the key components of the Al6063 metal matrix composite, and how are they prepared for hot extrusion?
- How are the silicon carbide particulates incorporated into the Al6063 matrix, and what is the concentration or ratio of reinforcement used?
- Can you explain the experimental setup and conditions employed during hot extrusion?
- What wear properties are examined, and what testing methods are employed to assess the wear resistance of the composite?
- Are there any correlations between the mechanical and wear properties, and how do they relate to the silicon carbide reinforcement?
- Are there any practical implications or recommendations for further research or applications based on the findings?