

Review of: "Investigation of Mechanical Properties of Sisal Fiber and Sugar Palm Fiber Reinforced Hybrid Composites"

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Potential competing interests: No potential competing interests to declare.

1- What is the motivation behind using sisal fiber and sugar palm fibers as reinforcement materials in hybrid composites, and why are these natural fibers considered high-potential for composite applications? How do their properties contribute to the overall characteristics of the composites?

2- Could you explain the fabrication process of the hybrid composites, specifically the ratios of sisal fiber to sugar palm fiber used and the total fiber loading of 30wt%? What are the advantages of the compression molding technique in this context?

3- The research includes tensile tests, flexural tests, impact tests, and water absorption tests. How were these tests conducted, and what specific mechanical properties were evaluated? Could you provide more details on the experimental setup and conditions?

4- Was any specific parameter in panel configuration held constant for comparative purposes?

5- Please rewrite the introduction. The Compressive Properties and crashworthiness analysis on structures is a very hot field, which has led to a large number of articles published in this field in the recent years. Therefore, I suggest the authors to do more comprehensive literature review and cite more papers to reflect the latest advances in this field. In this regard,

<https://doi.org/10.1007/s00289-022-04517-3>

<https://doi.org/10.1007/s00289-022-04420-x>

<https://doi.org/10.1007/s00289-023-04713-9>

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