

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.

In this study, the author showed the mechanical properties of sisal fiber and sugar palm fiber reinforced hybrid composites for the need of environmental protection and hybrid composites improvement. The used method had some novelty, and the study in this paper was comprehensive. However, the overall scientific contribution of this paper is low, and most of the results are predictable. In addition, the writing is not very readable, and the logic is somewhat confusing. The writing and logistics also need to be totally improved before the manuscript can be accepted for publication. More detailed comments are provided below:

1. The abstract should be reorganized in a more concise way, while the current version is wordy.
2. The grammar and language should be improved.
3. The author presented an elaborative literature survey in the Introduction section. However, this part is only a simple list of previous papers, not an elaborated summary of the current state for the sisal fiber and sugar palm fiber reinforcement methods. The corresponding advantages and disadvantages were not well revealed. The subject of this paper was not clearly stated.
4. What is the core scientific question, innovation, and significance of this paper? Similar studies have been reported in the previous literature. Please make a statement for the above questions.
5. Please provide an explanation for the advantages of the coupled utilization of sisal fiber and sugar palm fiber. Why were the samples with 30% sisal fiber or with 30% sugar palm fiber not considered in this study?
6. How many parallel samples were prepared for each group?
7. What kind of resin was used to prepare the samples to reveal the objective of this study? Please add more information about this issue.
8. Please elaborate on the fundamental origins of the mechanical property difference between samples with different fiber types?