

## 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.

This paper has many limits in the experimental set-up and poor exploitation of the presented results.

Some Comments

Section 2: Materials and Methods

The text before 2.1 is not relevant here. This may find use in the introductory part.

Sections 2.1 and 2.2: One is expecting the method of fiber preparation, not the plant description or level of production or the cost... These sections are to be revised.

Section 2.3:

As for the previous section, an effective description of the preparation is missing. Also, the information about improving adhesion or reducing water uptake is not supported by facts or references. The treatment with NaOH 20% does not indicate the amount of fiber or the volume of the soda solution.

The nature and type of resin used is not given.

Section 4: Results and Discussion

No discussion is given on the presented results. For instance, the water uptake increases with the dosage of palm sugar fiber, indicating that sisal fibers are more hydrophobic, and this is not discussed nor explained, as the characterization of the fibers (even just infrared) could be insightful.

The dosage of the fiber, fixed at 30%, needs reference, using only one type of fiber to justify the need for the mixture of both fibers in the composite.

The resin nature is not given, as it could explain the difference in behavior with more or less content of each fiber.