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.

The current work presents interesting results to understand, at a first glance, the mechanical behaviour of hybrid polymer composites based on epoxy resin and Sisal and Sugar palm fibres as reinforcements. However, the research does not show any novelty or diferenciating factor regarding the existent literature in the field of natural composites. All tests should have been carried out, at least, for 5 samples of each condition, as suggested by the ASTM standards that were cited in the text. Only the results based on one coupon test may invalidate the results presented because there is no variation, which for polymer composites is quite common. It means that all mechanical values for each test could be the same; maybe if there is not associated a standard deviation or an ANOVA, or any values comparison test. The discussion of the results lacks depth in the concepts of materials science, mechanics, and composite materials in general. It is not discussed in detail why there is an apparent change in the materials' behavior. The discussion lacks depth for the technical area and thus lacks contribution to the scientific area. Review units for Strain at figure 8, review the text title in figure 9.