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.

Introduction

Add more insight into properties & comparisons between natural fibers properties.

Use these references as guidelines: "Influence of flax fibers on properties of starch-based composites"

"A comparative study on the mechanical and biodegradation characteristics of starch-based composites reinforced with different lignocellulosic fibers"

Materials & Methods

This paragraph is not suitable in the methods section; shrink it to 2-3 lines.

"Over the past few years, the focus of researchers has been on eco-friendly, biodegradable, and low-density composites obtained from plant fibres. The fibres obtained from plants are abundant, and only a small quantity of fibre is used in fertilizer, cattle-feed, household applications, etc., with the bulk of the fibres being burnt in the field, which also affects the environment. Instead of wasting these natural fibres, they can be used with polymers to form composite materials, and based on their mechanical, thermal, and physical properties, they could be used in different applications. The implementation of these eco-friendly materials in various applications will not only benefit the environment but also could generate revenue and job opportunities. Sugar palm, flax, hemp, jute, sisal, kenaf, banana, are some of the examples of natural fibres obtained from plants. In this experimental study, hybrid composites were made with sisal fibre and sugar palm fibre, and their mechanical properties were analyzed."