

Review of: "Analytical Study and Amelioration of Plastic Pavement Material Quality"

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Potential competing interests: No potential competing interests to declare.

The manuscript reports the properties of plastics (polypropylene and polyethylene terephthalate) combined with sand to produce sustainable pavement material. The manuscript is well-written; however, there are a few comments:

1. Section 3. Results and discussion: compressive test

- a. Figure 6 should be improved to show the y-axis values.

2. Section 3. Results and discussion: flexural test

- a. The sentence below refers to Figure 8, not 9.

"The results obtained from polypropylene (PP) samples with formulations of 15%, 20%, 25%, and 30% after 2 and 7 days are outlined in Figure 9."

- a. Please clarify where this data is referring to.

"And the pavement with the formulation of 30%:70% (3:7) plastic to sand ratio presents the maximum flexural strength of 12.3 MPa in 2 days."

3. Results and discussion should include references.