

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 aim of the study is to investigate the effect of employing two different waste plastics (PP & PET) in the production of plastic pavement. The optimal formulation of PP & PET was determined to be used in non-traffic applications, considering some factors (compressive strength, flexural strength, porosity, water absorption, and density). Here are some observations:

1. It is recommended to add line numbers in the manuscript so reviewers can easily follow along.
2. The introduction is extremely lacking in depth and contains few references and some outdated references. In order to strengthen it, additional information and references that are current and relevant should be added. In addition to that, it must include the significance and objectives of the research.
3. All formulas need to be re-written and numbered properly.
4. The methodology and experimental procedures used in the study are lacking.
5. Lack of information on dimensions of the specimens and replications used for experiments.
6. "*The maximum ultimate stress () and ...*". Missing information between parentheses.
7. In Figures 6 and 8, the y-axis title overlaps with the column of the table.
8. All figures are in poor shape and presentation. They should be modified.
9. Although the topic is really interesting, the article needs to be rewritten properly again. Also, all the results were not justified and explained appropriately. Authors did not explain why properties changed when changing PP & PET compositions.