

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

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**Potential competing interests:** No potential competing interests to declare.

Some recommendations:

1. The language used in the manuscript is appropriate but still has room for improvement.
2. Instead of listing all the concentrations like "10%, 15%, 20%, 25%, 30%, 35%, 40%, 45%, and 50%", consider using a range like 10-50%
3. In the abstract, explain the reason why 25% PET is considered the best for water-locked areas.
4. Replace "interesting values" with something more straightforward.
5. In the Introduction, what do you mean by "damage on the plastic"?
6. Give the full name of AC in the Introduction.
7. In the Introduction, consider breaking long sentences into smaller ones for easier understanding.
8. Units need to be written correctly, i.e., mm<sup>2</sup>, cm<sup>3</sup>.
9. Add a reference to the first sentence in the last paragraph of the Introduction.
10. In the preparation of specimens, the ratios of each sample should be in table form for clarity.
11. Formulas or equations need to be typed properly and numbered.
12. When mentioning samples with different ratios, do not list all of them.
13. Figure 4. No need for the serial number.
14. On page 6, the ultimate stress symbol is missing.
15. Figure 5, no need to mention the ownership of the equipment.
16. Section 3, compressive test should be compressive strength test.
17. There is no need to keep repeating "After 7 days". 2 days is not relevant also.
18. Figures should not have a table in them. Remove the title from the figure. Label the axes correctly. Figure 6 looks like a photo, which is inappropriate. The value of a histogram is 27.6, not 27,6.
19. Flexural strength of 12.3 MPa is not found in Figure 9.
20. There is a need to discuss the data obtained, instead of merely reporting it.
21. For Figure 10, suggest arranging the data in an ascending or descending way.
22. Consider renaming Section 4 to something like "Compressive strength comparison of xx and xx".
23. The conclusion should be in paragraph form.

