

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

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Potential competing interests: No potential competing interests to declare.

Though the work is innovative, the writing of the article has not been done properly at all

Review Comments:

1. In Introduction, "compressive strength of 8.53 N/mm² (0.5% water adsorption) and 7.3 N/mm² (2.7% water absorption), respectively, higher than the reference value of 6.0 N/mm² (4.9% water absorption) of the cement paving block:"

Units of compression strength need to be written properly.

1. Novelty of the work is missing in the Introduction
2. What is the basic significance of using PET and PP as raw materials is needed to be indicated with reference
3. The quality of figures is not up to the mark
4. The compatibility factor of the waste grinded plastic with sand is required to be analysed with SEM study
5. Units are not written properly: Check Figures 7, 9
6. I suggest putting up a table mentioning the different compositions taken and defining a sample name for each
7. Equations are not numbered
8. After fabricating samples with various proportions, why only 3 samples were used for compressive strength (Figure 7), flexural strength (Figure 9) analysis.
9. No proper explanation is given for the results of physical tests.

Suggestion:

Major revision