

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

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Potential competing interests: No potential competing interests to declare.

Analytical Study and Amelioration of Plastic Pavement Material Quality

The idea behind the manuscript is very interesting; however, it is poorly written. A lot of ambiguity caused loss of meaning. I suggest a thorough representation of the manuscript before acceptance.

My general comments are as follows: All equations should be written using the equation editor and properly numbered.

Too many unnecessary citations should be removed.

Proofreading and editing needed.

Check the grammar and spelling throughout the paper. For example, Figure, not figure, first line: increase, not increases.

In the Abstract

The abstract is too long; it should be reduced to not more than 300 words to accommodate just the results obtained.

Some of the write-ups in the abstract should be the last paragraph of the introduction.

Merge all references as one....not "reference" and other "reference."

In Materials and Methods

This sand was dried properly until the moisture content was practically reduced, before being sieved into different grades..... Specify the method used in drying (air dry/oven dried). Authors should state how they ascertained that moisture was reduced. Was the sand weighed before and after drying?

Here, the specimens are prepared by weighing the waste plastic materials and sand [2][3][4][5][6]..... The essence of this sentence and the references is not clear.

The models of all equipment used for analysis must be given.

In your formulations, you used a weight ratio, then moved to percentage in the Results discussion. I suggest the authors use one for uniformity and better understanding.

This particular formulation also presents interesting mechanical properties..... What are these properties?

Improve your introduction part with more recent references.