

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

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Potential competing interests: No potential competing interests to declare.

It is an interesting topic. The author has rightly selected a topic of present need - to deal with waste plastic - and is appreciated. However, I have a few observations:

1. Plastic and cement have different setting times, but the author tested the samples after 7 days, 21 days, and 28 days of casting. The selection of this curing period matching the setting time of plastic is not clear.
2. Though the author included a figure to understand the types of plastic used in the study, it is not sufficient to distinguish between PET and PP.
3. Burning plastic beyond a certain temperature is highly toxic. The author has used a very high melting temperature which may lead to burning and emission of toxic gases. The author should include a justification of the high-temperature melting point.