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 research topic is quite interesting and worthy of publication as it addresses a common problem in the world. However, I would give some comments or suggestions to the authors for consideration. 1. The authors can consider stating the percentage replacement in the range of 10 - 50 % at 10% intervals. 2. Is 168°C used for melting the PET plastic too? 3. The next stage after the melting point range of plastic is burning. It was stated that the maximum melting temperature for PET is 135°C while the minimum temperature for PP plastic is 135°C; does it mean that the PET plastic is burning at the 168°C used for melting combined PET and PP? 3. The average period of stay in the chamber should be stated. 4. The dimensions of the mold are not stated. The authors could consider comparing their results with these publications (PDF) Effects of filler types on the microstructural and engineering properties of waste plastic binder composite for construction purposes (researchgate.net) (PDF) Influence of material composition on the morphology and engineering properties of waste plastic binder composite for construction purposes (researchgate.net) (PDF) Effect of mix proportion on the strength and durability of plastic and sand composite for construction applications (researchgate.net)