

Review of: "The Effects of Polypropylene Wastes on the Compressive Strength of Grade 25 Concrete"

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Potential competing interests: No potential competing interests to declare.

The authors should take into consideration the following observations:

- a. The different tests carried out in the study should be included in the Abstract.
- b. The study, quoted in the first sentence in paragraph 4 and the succeeding sentences in that paragraph, *"A study by Madandoust et al. (2011) investigated the effect of using different types of plastic waste in concrete,"* is not in line with the one in the Reference; *"Madandoust, R., Ranjbar, M.M. and Mousavi, S.Y. (2011) An investigation on the fresh properties of self-compacted lightweight concrete containing expanded polystyrene. Journal of Construction and Building Materials. Vol.25, pp.3721-3731."*
- c. The gap that the study wants to fill is not well specified.
- d. The Materials and Methods Section is not convincing enough for one to accept the Results. The different tests carried out should be included in the Materials and Methods Section.
- e. A Table or a description of the concrete constituents should be provided.
- f. Mentioning all the different tests carried out in the following state is inappropriate; *"Other tests which include sieve analysis, slump test, and water absorption test were carried using various standards."*
- g. The concrete mix and water-to-cement ratios should be specified to interpret the results obtained.
- h. The authors should suggest the specific areas of application for the produced concrete.