

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.

After reviewing the manuscript "The Effects of Polypropylene Wastes on the Compressive Strength of Grade 25 Concrete," it was noticed that the title needs to be changed to better reach the target audience. The work is well-written and organized, and it addresses one of today's most serious environmental challenges. The manuscript has all the necessary components. However, the abstract needs more development, as it should provide a brief history, clear methodology, and interpretation of the findings, as well as notable concerns. It emphasizes the usage of polypropylene waste as fine aggregates. I would like to advise that the author consider the following suggestions to improve the quality of the manuscript. The impact of polypropylene waste on concrete strength will be thoroughly explored, including its characteristics. The references in this study should be updated, including a more accurate interpretation of the results. The outcomes are unclear. The abstract should highlight the study's relevance and innovation, while also improving the English language throughout the report. Do not start the literature review by addressing earlier research; instead, give the sources. The literature review needs improvement. Do not divide the studies in the paper; instead, use connecting verbs and write them in paragraphs.

Thank you for giving me the opportunity to analyze the manuscript. In a nutshell, the article is useful and appropriate for a conference paper, but it is unsuitable for publication in a journal unless quality language is used, and further work/tests are included.