

# 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.

This paper investigated the manuscript " The Effects of Polypropylene Wastes on the Compressive Strength of Grade 25 Concrete"

I have many suggestions to improve the presentation before accepting it for Qeios. The following comments are provided for the authors:

1. The abstract should be one paragraph and contain more information about the subject.
2. The last paragraph in the introduction should contain the potential applications and the work plan for the study.
3. Materials and Methods should be more informative; the authors should provide information about the supplier of the materials, the most important properties from the datasheet, the number of samples and conditions of the test, the name of the used equipment, etc.
4. The fine aggregate, coarse aggregate, and polypropylene samples were subjected to sieve analysis according to ASTM C136 (2014); this experimental procedure should not be included as a result.
5. The same previous comments in the results of the results.
6. The authors should read the results, analyze, and discuss the results.
7. The authors should compare the results with results from the literature.
8. The authors should contribute scientifically by adding a hypothesis.
9. The conclusion should be provided with numerical values for the most significant results from the study.