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 study treated the effect of polypropylene waste on the compressive strength of grade 25 concrete for 7 days, 14 days, 21 days, and 28 days, respectively.

We thank the researcher for the work, but research in this field requires more attention, as represented in the following points:

Abstract :

. The study requires long-term research to determine the effect of fibers on concrete properties. It is preferable to add the results after 28 days.

Introduction :

. Requests to add new studies on the topic

Results and discussion :

.It is recommended to add the ASTM standard for sand to the granular analysis curve.

.The fraction of the aggregate for the sand is between 0/5 in the granulometric curve presented in figure 1. We notice that the fractions used by the author are between 1 and 10. How to explain that?????

. Please add a table summarizing the quantities used for each mixture of water, cement, sand, and gravel.

. It is advisable to interpret the result of concrete slump in comparison with the results of other research.

.Specific gravity test : Please add the results obtained in the table.

Remark : The article requires many improvements in research methodology and technical aspects.