

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.

Thank you for submitting this article. Although the novelty is evident, many elements are missing, and some of them are crucial prior to publishing.

1. The introduction needs to be enriched. What is the state of the art at the moment, research-wise, regarding concrete and mechanical strength? The author needs to add more references and correlate the results to the literature.
2. Answer the main question. Why use polypropylene and not another polymer? What does the literature say about the use of PP in concretes and other construction materials?
3. You need to state and describe the methodology of the compression strength experiments. What tools/machines were used, and on what samples, under what conditions.
4. You need to correlate your results to the literature, even if the literature has results with concretes and other polymer blends inside.
5. You can also supplement a figure showing the concrete samples, the samples with PP, and photos of the testing.