

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.

I would rate the overall contribution positively, acknowledging its comprehensive review of studies and potential benefits of using polypropylene as a partial replacement for fine aggregate in concrete. However, some improvements are necessary to strengthen the paper's impact. Clarifying the experimental methodologies and providing more detailed data from the cited studies would enhance the reliability of the findings. Additionally, addressing potential environmental and regulatory concerns associated with the use of polypropylene in concrete could further solidify its feasibility and sustainability as a construction material.

Please refer to the attached document for detailed comments and suggestions regarding the study on polypropylene as a partial replacement for fine aggregate in concrete. I have provided feedback on experimental methodologies and data presentation.