

# Review of: "Shear performance of polypropylene fiber reinforced high-strength self-compacting concrete beams"

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**Potential competing interests:** No potential competing interests to declare.

Dear authors,

I have thoroughly reviewed your manuscript on the impact of polypropylene fibers on the shear performance of high-strength self-compacting concrete beams. While your study provides valuable insights, there are several areas that could benefit from enhancement to elevate the overall quality of your work.

Firstly, I noticed a proliferation of similar studies in the existing literature. To strengthen the originality of your research, I suggest improving the introduction by incorporating more recent references directly related to your work. This will help contextualize your contribution within the current research landscape.

In terms of the summary, restructuring is advised to enhance clarity and highlight the key results obtained. By providing a more focused overview, readers can quickly grasp the significance of your findings.

An essential aspect to address is the lack of explanation regarding why and how polypropylene fibers exert a negative effect on the properties under study. It is crucial to elucidate the mechanisms behind this phenomenon, providing a more comprehensive understanding for your readers.

Moving on to the results and discussion section, there is an opportunity to enrich it with additional debate, thorough analysis, and interpretation of the obtained results. Expanding on these aspects will not only strengthen the credibility of your research but also deepen the comprehension of your conclusions.

Speaking of conclusions, they should succinctly target the specific aspects addressed in your study. Furthermore, consider including recommendations for future work, providing a roadmap for researchers interested in advancing the field.

I believe incorporating these suggestions into your work will significantly enhance its quality and impact.

Best regards,