Review of: "The Effects of Polypropylene Wastes on the Compressive Strength of Grade 25 Concrete"

Akeem Oladele Ademati[1]

1 Federal University of Technology, Akure

Potential competing interests: No potential competing interests to declare.

The authors will do well by including some more empirical findings in the abstract. Very briefly, the use of some relevant and recent citations is commendable. A SEM analysis of the improved product will further consolidate the findings of the study. Moreover, highlighting further the gap in literature that necessitates this research will be good to detail. Furthermore, examining the room for further studies, making comparisons of the compressive strength improvement to other comparable outcomes in literature, and amplifying comparable advantages over others. Include some more pictures of the process of the research; you can just arrange them in a rectangle indicating arrows, not to take up much space; this will further boost the credibility of the research. You can also carry out high thermal tests or thermal shock resistance tests to further reveal the strength of this new improvement; this can, however, be done in a new study. To highlight grey areas and weaknesses of this new improvement in a world so desperate for more improved concretes at low cost, you can also briefly touch on the cost implications of incurring this modification. This looks nice; make improvements and good luck.