

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.

Dear Sirs,

The article presented for evaluation describes tests on concrete produced with the addition of polypropylene. Polypropylene acts as a partial replacement for fine aggregate in concrete. The issue of the influence of the addition of a plastic material, in this case polypropylene, on the properties of concrete is very interesting.

However, the rest of the article does not contain enough information to make a reliable assessment of the quality of the research. If, as a first step in assessing the description of the research, one can assume that after reading it one is able to repeat the research presented in the reviewed article, then on the basis of this article, I believe that it will be very difficult. Therefore, on these grounds, the research, although interesting, is presented in a way that is inadequate for evaluation. The description of the research should be supplemented with a correct description of the research methodology, an analysis of the errors, and a more detailed discussion of the previously conducted research on the introduction of plastics into concrete mixtures. In addition, the less trivial conclusions of the test results should also be written up.

Best regards,

Adam Ekielski