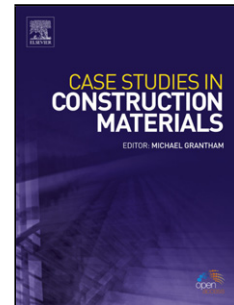


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Research Highlights

- Waste tire rubber particles partially replaced silica sand into cement concrete.
- Elasticity modulus was improved up to 161% respect to control concrete.
- Improvement of 21% on the compressive strain was obtained.
- Structural modifications to waste tire rubber were made by gamma radiation.
- The mechanical improvements were related with the irradiated waste tire particles.

Abstract

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