

## عنوان مقاله:

Mechanical Properties of Recycled Aggregate Concrete

## محل انتشار:

دومین کنفرانس بین المللی بتن و توسعه (سال: 1384)

تعداد صفحات اصل مقاله: 9

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## خلاصه مقاله:

This paper reports the results of an experimental study of some of the mechanical properties of recycled aggregate concrete (RAC) as compared to those of conventional normal aggregate concrete (NAC). Ten mixes of concrete with target compressive strength ranging from 20 and 50 MPa were cast using normal and recycled aggregates. The selected mix proportions are typically used by producers of ready-mix concrete in Kuwait. The 28-days cube and cylinder compressive strengths and modulus of elasticity in compression and the development of cube compressive strength up to an age of 56 days are reported.

## کلمات کلیدی:

modulus of elasticity, recycled aggregate, strength development, water-cement ratio

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/1564>

