

Rapid Evaluation Method of Coal Fly Ash for Pozzolanic Reaction

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ABSTRACT

The authors proposed API (Assessed Pozzolanic –activity Index) method by which a rapid evaluation of coal fly ash for pozzolanic reaction was available, and revealed that compressive strength of mortar had a linear relation to API value. Hereby, relation to the K value from Ferét equation to API value and surface area were studied. It was found that K values of fly ash mortar had linear relations to API values and surface areas of the fly ashes, as the results.

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