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Properties improvement of fly ash cenosphere modified cement pastes using nano silica

Asad Hanif, Pavithra Parthasarathy, Hongyan Ma, Tianyuan Fan, Zongjin Li



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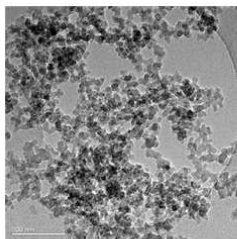
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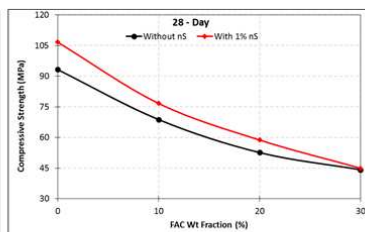
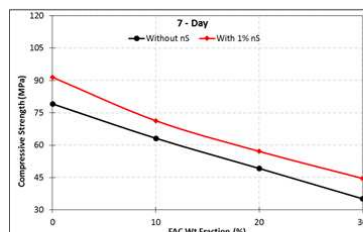
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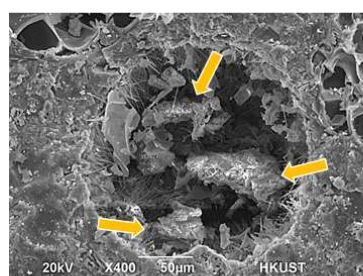
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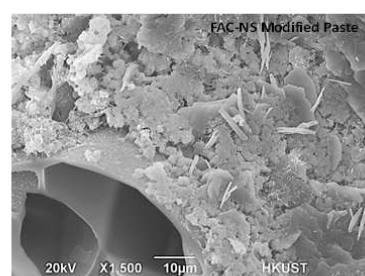
Amorphous NS influencing paste properties



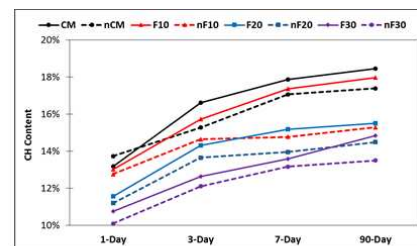
Compressive strength enhancement due to NS addition



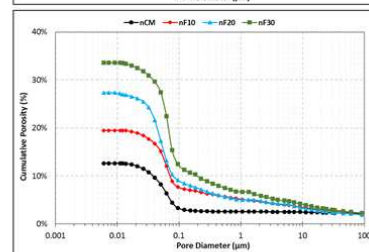
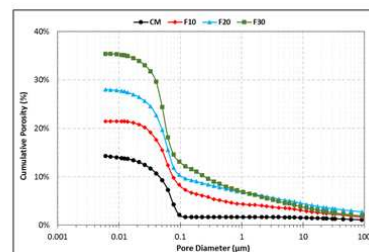
Greater Formation of C-S-H Gel



Denser Microstructure and Better Interface Properties



Enhanced pozzolanic activity with NS addition



Reduced porosity due to NS incorporation

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