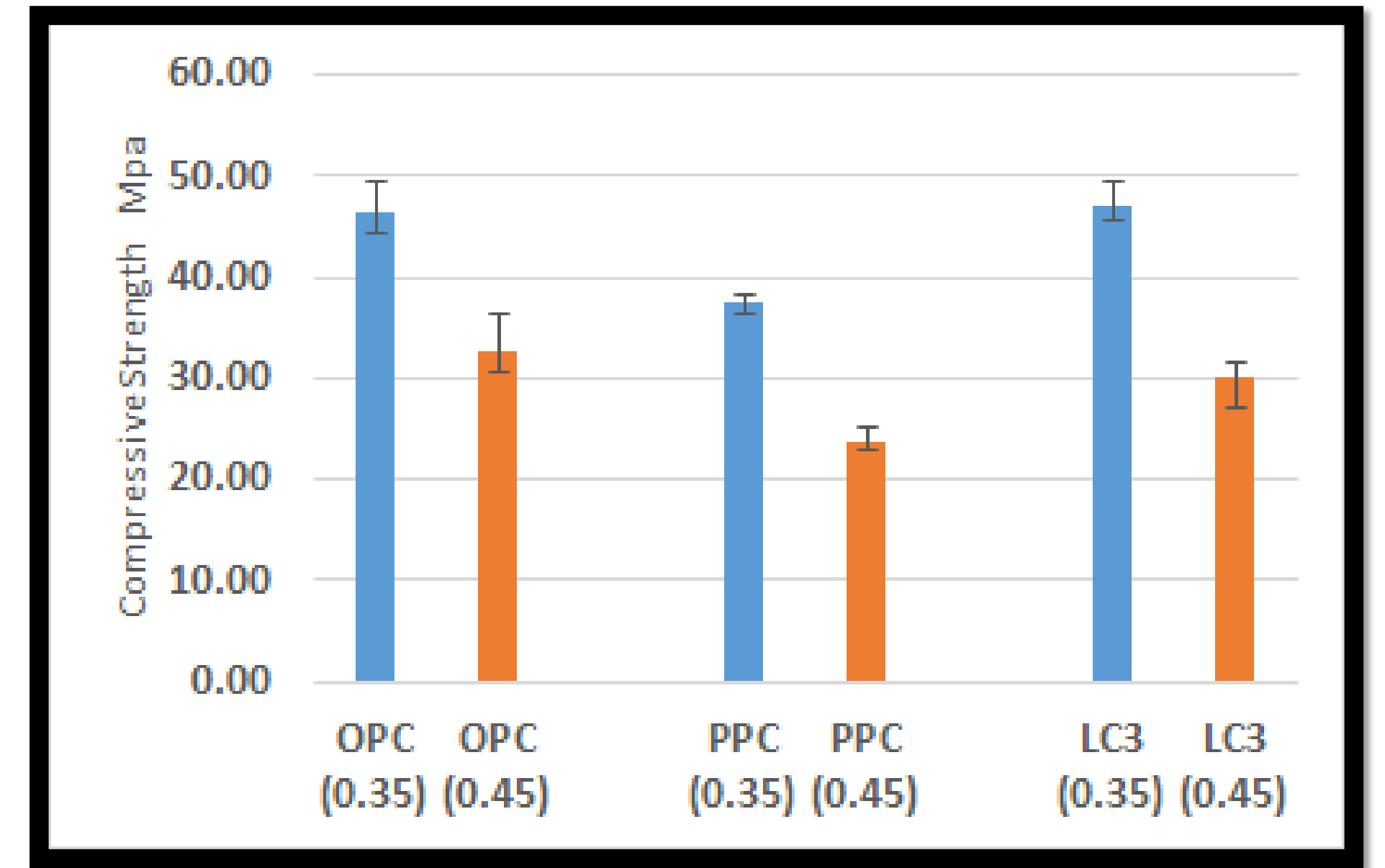
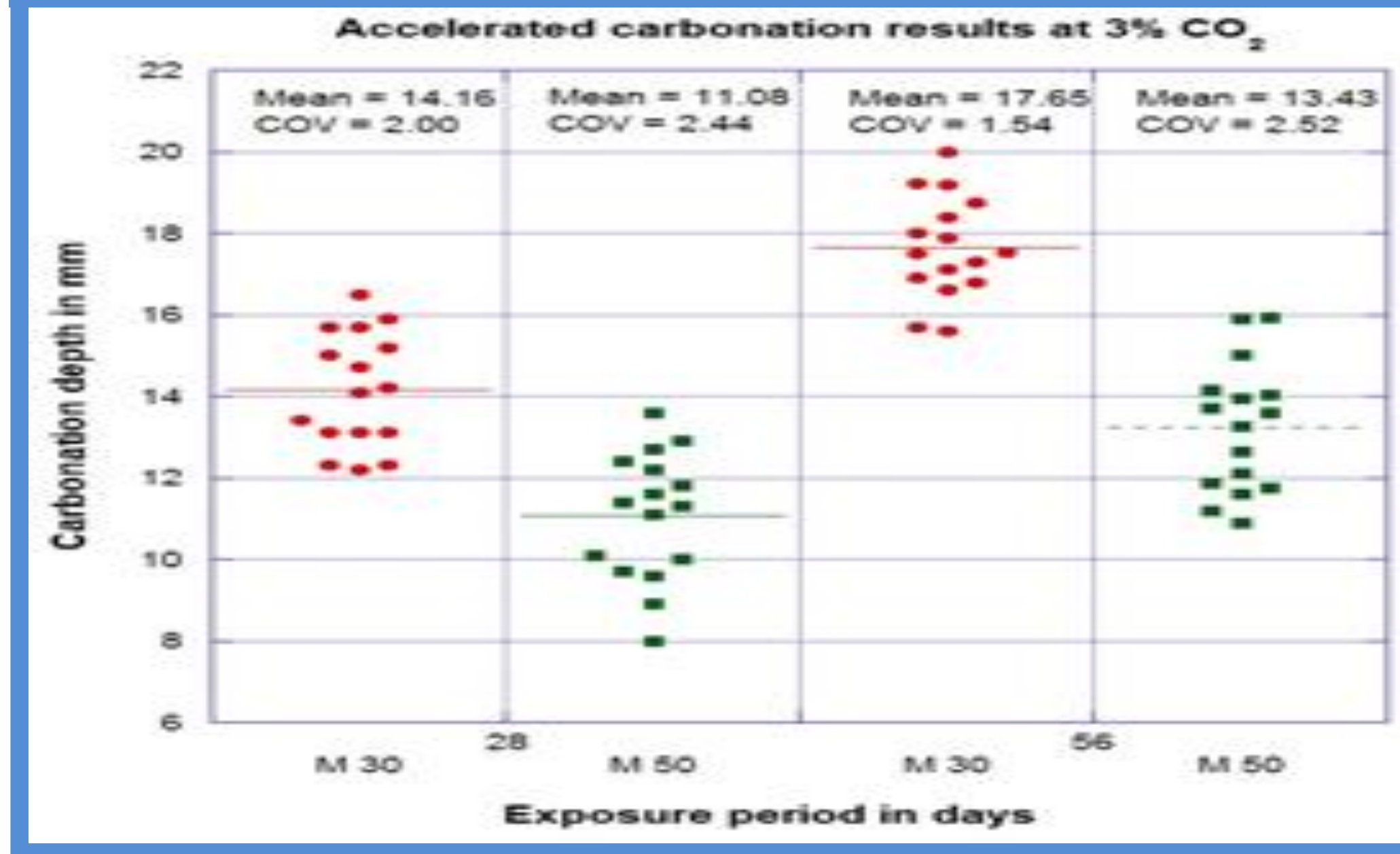


LC³ makes concrete strong.....

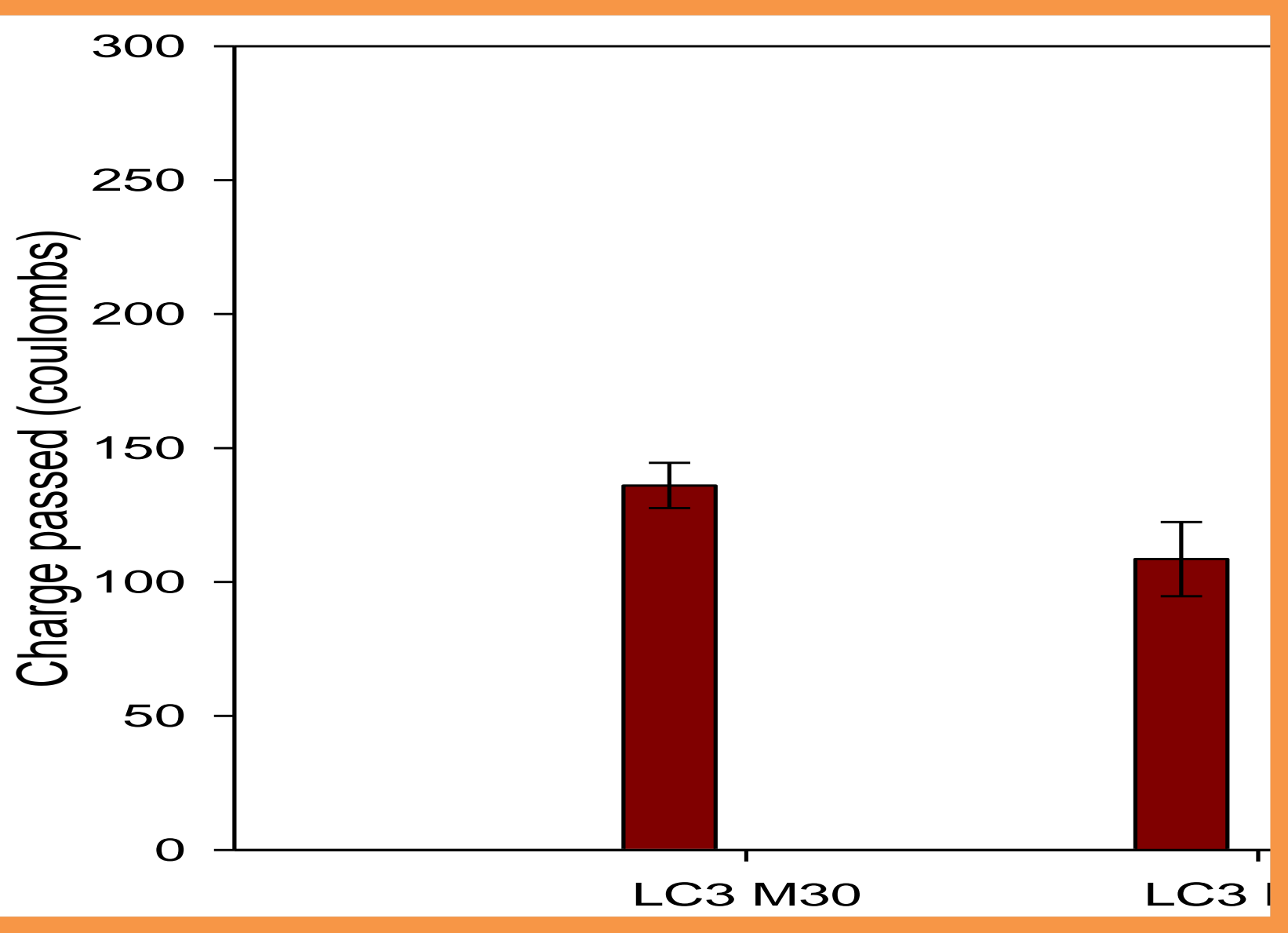
**Better volume filling
Pozzolanic reaction of kaolinite
Ettringite stabilization
Monocarboaluminate formation**



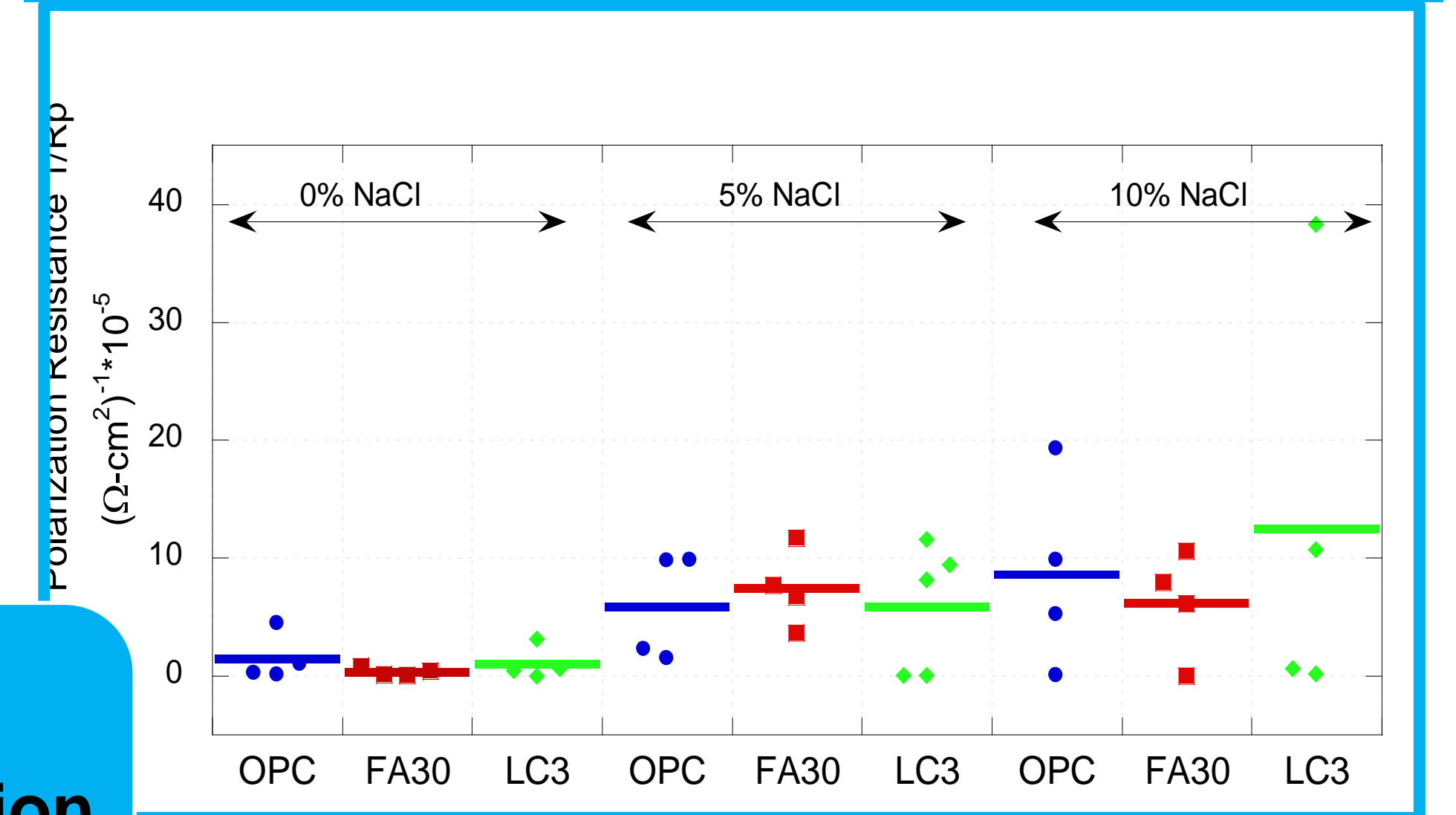
Decreased diffusivity despite much lower alkaline content



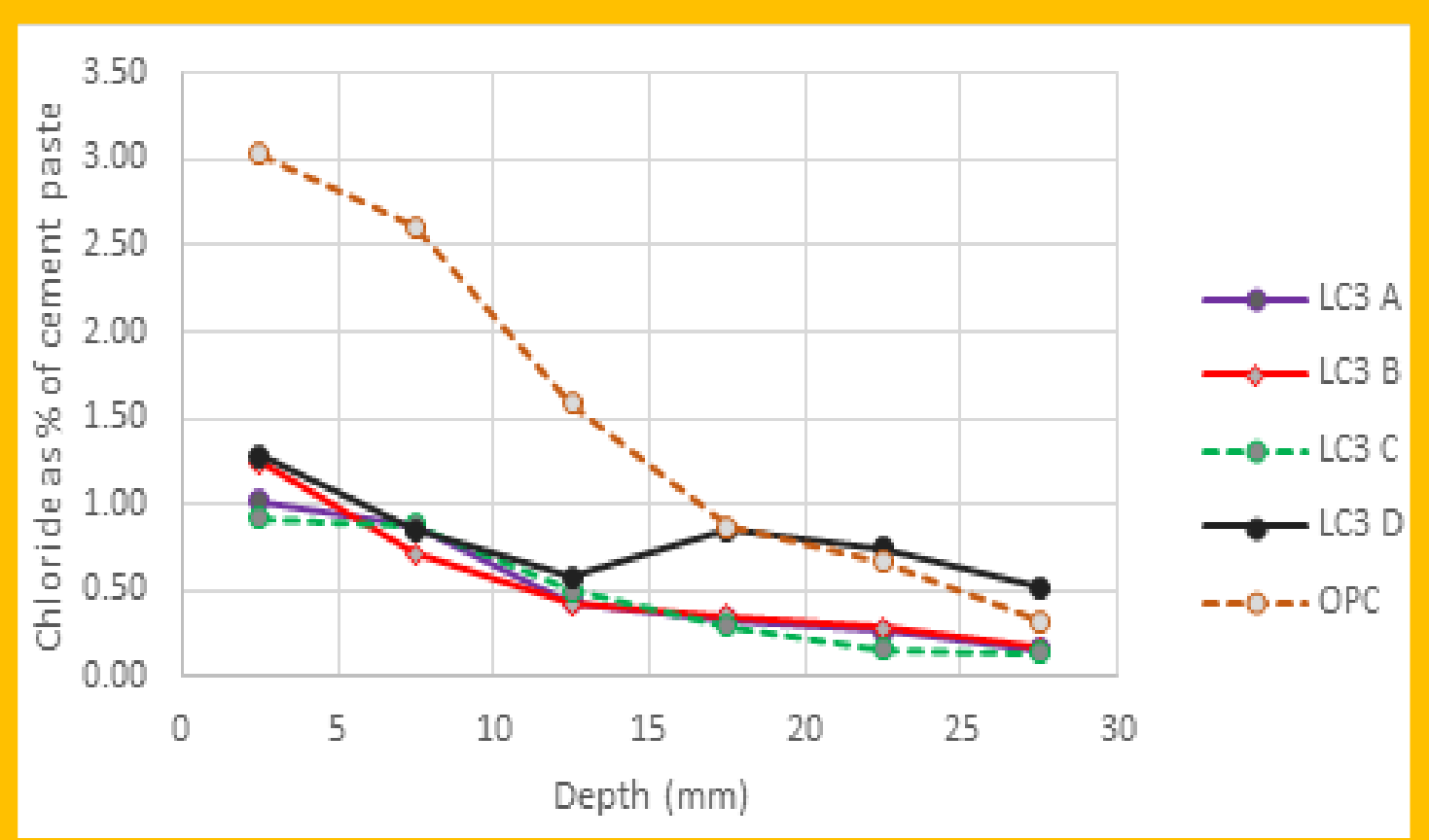
Lesser migration due to lesser porosity and pore refinement



Lesser oxygen and moisture diffusivity due to lesser porosity



**Higher chloride binding capacity
Lesser Diffusivity**



RCPT

CO₂

Corrosion

...and durable too

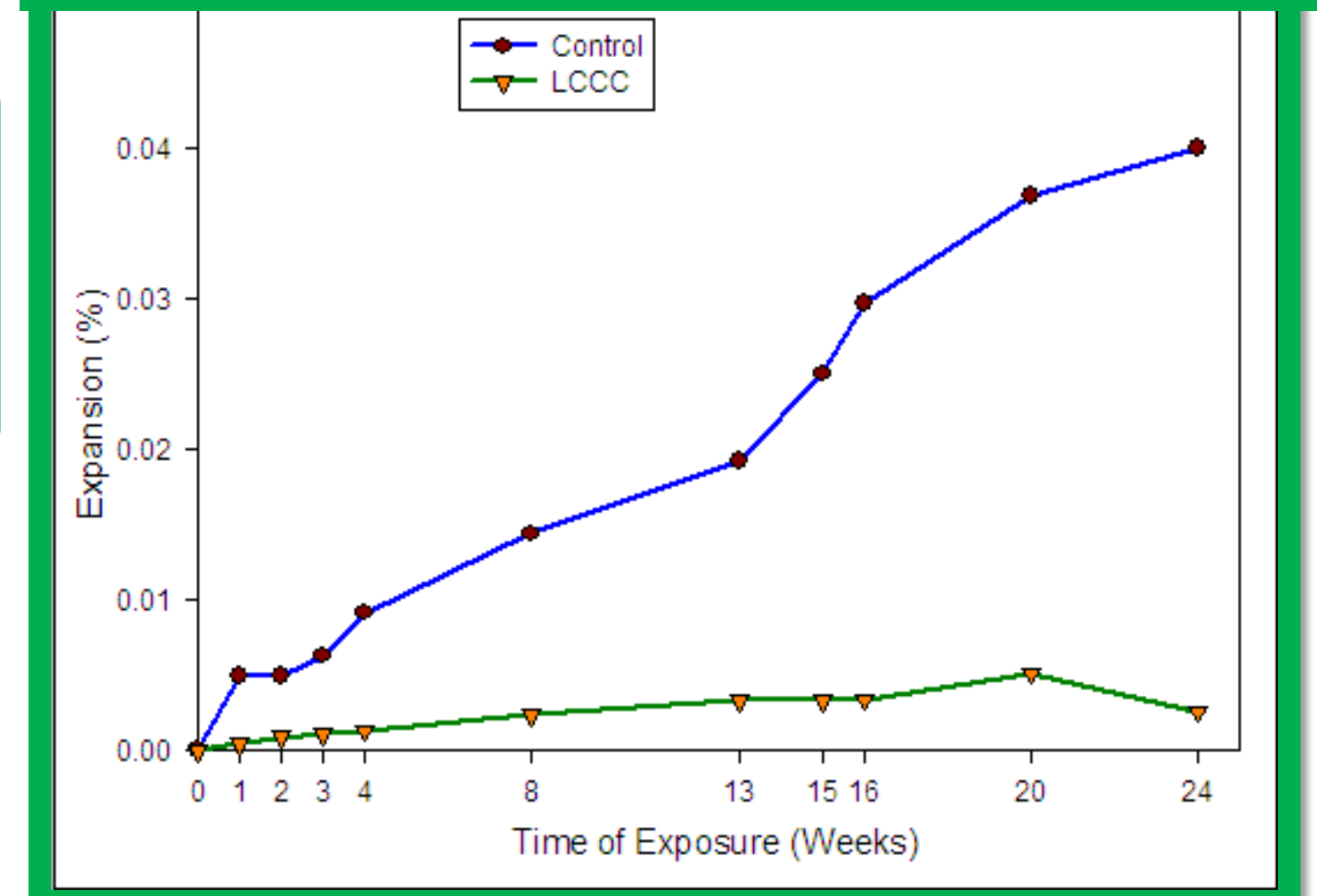
Chloride

Sulphate

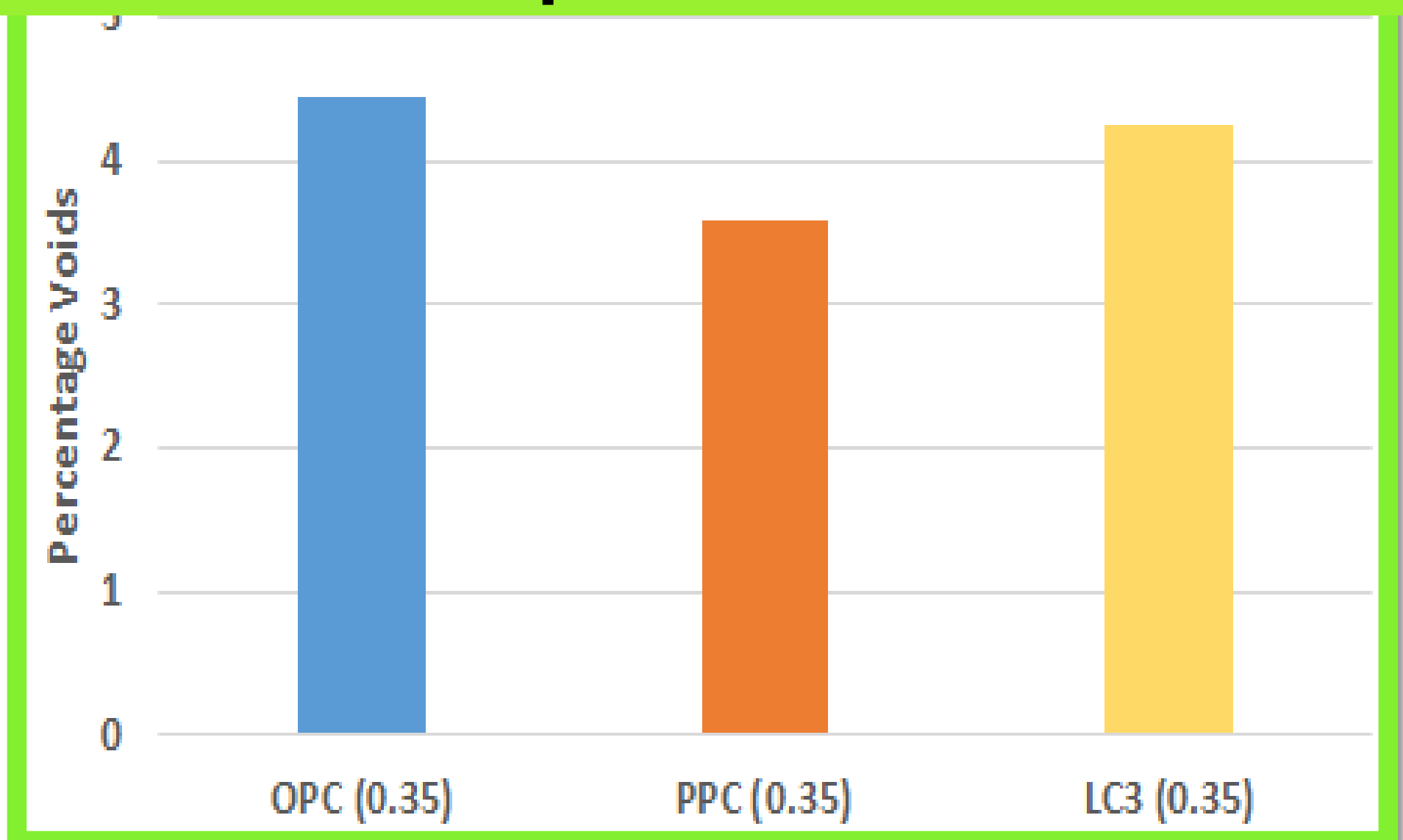
Porosity

Sorptivity

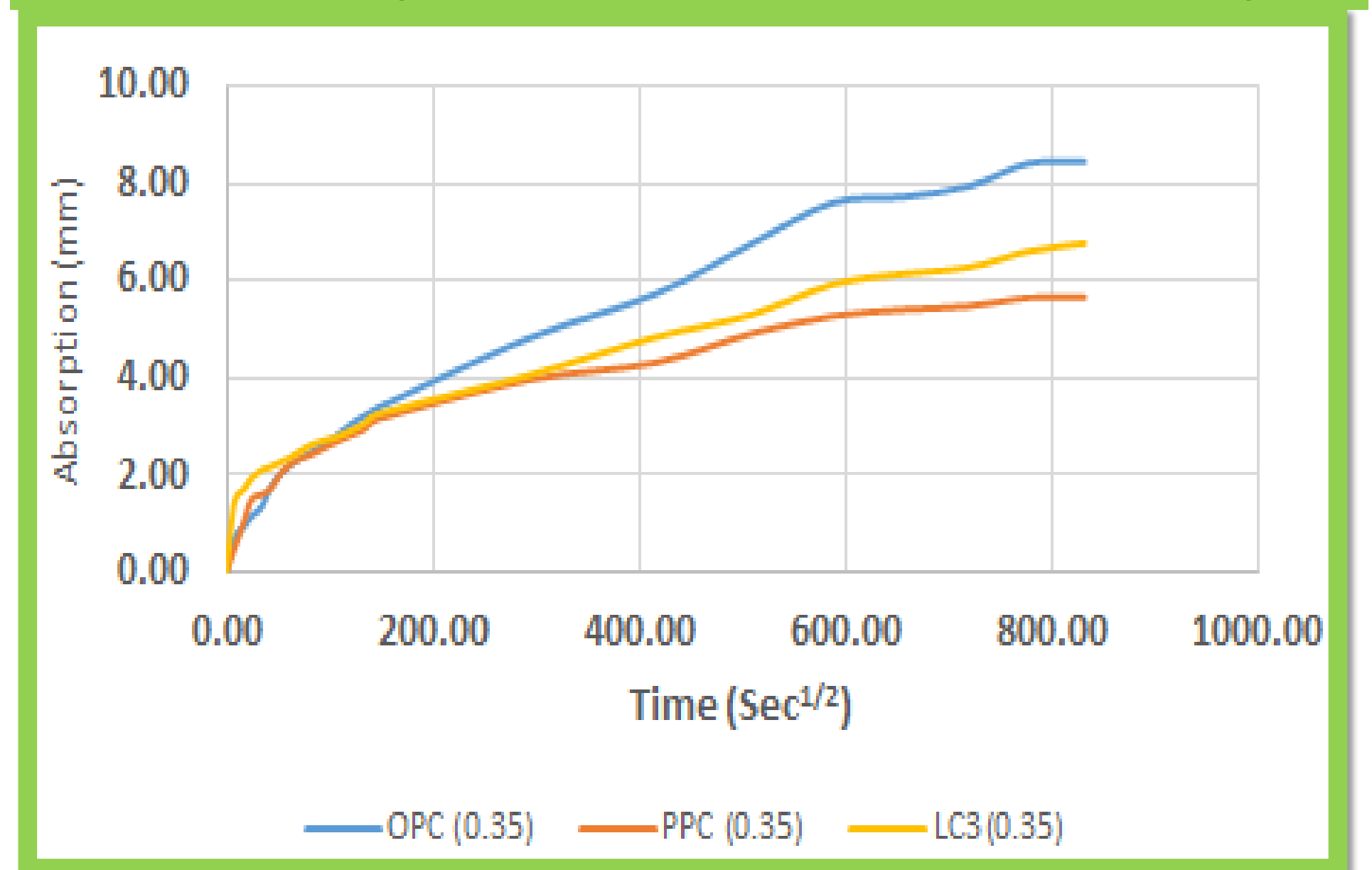
Lesser sulphate ion diffusivity due to lesser porosity



Better volume efficiency of hydration products



Higher tortuosity decreases sorptivity despite lesser porosity



www.lc3.ch