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## NOMENCLATURE

ICDD	International Centre for Diffraction Data
EDS	Energy Dispersive X-Ray Spectroscopy
ICDD	International Centre for Diffraction Data
EDS	Energy Dispersive X-Ray Spectroscopy
°C	Dimension temperature Degree Celsius
ICP	Inductively Coupled Plasma Spectroscopy
OPC	Ordinary Portland cement
PVC	Polyvinyl chloride

wt%	Weight percentage
%	Percentage
H	Hour
Vol.%	Volume percentage
M	Molar (mol/L)
g	Gram
MPa	Mega Pascal
µm	Micrometer
TGA	Thermal Gravimetric Analysis
DTA	Differential Thermal Analysis
FTIR	Fourier Infrared spectroscopy
XRD	X-Ray Diffraction
PDF	Powder Diffraction File
SEM	Scanning Electron Microscopy
SSA	Specific Surface Area in m <sup>2</sup> g <sup>-1</sup>
Al	Aluminum
Si	Silicone
O	Oxygen
C	Carbon
Fe <sub>2</sub> O <sub>3</sub>	Iron oxide
Al <sub>2</sub> O <sub>3</sub>	Aluminum oxide
SiO <sub>2</sub>	Siliceous oxide
H <sub>2</sub> O	Water
CO <sub>2</sub>	Carbon dioxide
NaOH	Sodium Hydroxide
EN	European Standard
LN	Crude laterite
LN500	Heat treated laterite at 500°C
LN600	Heat treated laterite at 600°C
80LN20L500	Mixture of 80%LN and 20%L500
50LN50L600	Mixture of 50%LN and 50%L600
50LN50L500	Mixture of 50%LN and 50%L500
80LN20L600	Mixture of 80%LN and 20%L600
2 SiO <sub>2</sub> .Al <sub>2</sub> O <sub>3</sub> .2 H <sub>2</sub> O	Chemical formulae of kaolinite
2 SiO <sub>2</sub> . Al <sub>2</sub> O <sub>3</sub>	Chemical formulae of metakaolinite
H-N-A-S	Sodium aluminosilicate hydrate