

Chemical Report

Hanson Cement
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Composition of Ketton PC, EN 197-1:2011, CEM I 52,5N
Dispatched from Ketton
Chemical analysis for week ending 09-Oct-22

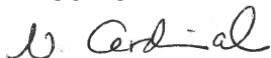
Week No. 2022-40

Compound	%
SiO ₂	19.33
Al ₂ O ₃	4.83
Fe ₂ O ₃	2.74
CaO	64.09
MgO	1.31
SO ₃	3.21
K ₂ O	0.62
Na ₂ O	0.29
Cl	0.05
Loss on Ignition	n/a
Not Detected	3.54
Total	96.46

	%
Insol Residue	n/a
Free CaO	0.7
Certified Average Alkali Na ₂ O (Equiv)	0.66
LSF (x 100)	100.25

Clinker compounds by Rietveld analysis	
C ₃ S	59.6
C ₂ S	13.2
C ₃ A	9.8
C ₄ AF	5.9

For and on behalf of
HANSON CEMENT



Dr Nina Cardinal, Dipl.Ing., CEng, MiMMM
National Technical Manager
Hanson Cement

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