

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 16-Oct-22

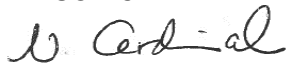
Week No. 2022-41

Compound	%
SiO ₂	19.30
Al ₂ O ₃	4.83
Fe ₂ O ₃	2.78
CaO	64.20
MgO	1.26
SO ₃	3.22
K ₂ O	0.61
Na ₂ O	0.26
Cl	0.05
Loss on Ignition	2.51
Not Detected	1.00
Total	99.00

	%
Insol Residue	0.86
Free CaO	0.7
Certified Average Alkali Na ₂ O (Equiv)	0.67
LSF (x 100)	100.54

Clinker compounds by Rietveld analysis	
C ₃ S	61.4
C ₂ S	11.8
C ₃ A	8.3
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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