

Chemical Report

Heidelberg Materials
UK
Ketton
Stamford
PE9 3SX
Tel: 0330 123 2074
Fax: 01780 727008

Composition of Ketton PC, EN 197-1:2011, CEM I 52,5N
Dispatched from Ketton
Chemical analysis for week ending 18-Oct-26

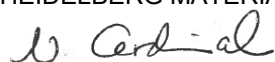
Week No. 2026-41

Compound	%
SiO ₂	20.37
Al ₂ O ₃	4.99
Fe ₂ O ₃	3.04
CaO	64.98
MgO	1.14
SO ₃	3.26
K ₂ O	0.50
Na ₂ O	0.29
Cl	0.03
Loss on Ignition	2.64
Not Detected	-1.21
Total	101.21

	%
Insol Residue	1.20
Free CaO	0.2
Certified Average Alkali Na ₂ O (Equiv)	0.61
LSF (x 100)	96.47

Clinker compounds by Rietveld analysis	
C ₃ S	62.1
C ₂ S	12.4
C ₃ A	8.7
C ₄ AF	7.8

For and on behalf of
HEIDELBERG MATERIALS UK



Dr Nina Cardinal, Dipl.Ing., CEng, MICT
Technical Strategy Director
Heidelberg Materials UK

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