

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 23-Aug-26

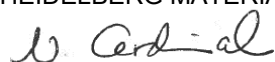
Week No. 2026-33

Compound	%
SiO ₂	20.36
Al ₂ O ₃	5.01
Fe ₂ O ₃	3.00
CaO	65.45
MgO	1.11
SO ₃	3.19
K ₂ O	0.50
Na ₂ O	0.31
Cl	0.03
Loss on Ignition	2.59
Not Detected	-1.55
Total	101.55

	%
Insol Residue	0.81
Free CaO	0.5
Certified Average Alkali Na ₂ O (Equiv)	0.64
LSF (x 100)	97.30

Clinker compounds by Rietveld analysis	
C ₃ S	62.6
C ₂ S	11.9
C ₃ A	10.4
C ₄ AF	7.2

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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