

Chemical Report

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

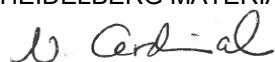
Week No. 2026-29

Compound	%
SiO ₂	20.49
Al ₂ O ₃	5.04
Fe ₂ O ₃	3.04
CaO	65.30
MgO	1.10
SO ₃	3.05
K ₂ O	0.49
Na ₂ O	0.30
Cl	0.03
Loss on Ignition	2.31
Not Detected	-1.13
Total	101.13

	%
Insol Residue	0.90
Free CaO	0.1
Certified Average Alkali Na ₂ O (Equiv)	0.65
LSF (x 100)	96.60

Clinker compounds by Rietveld analysis	
C ₃ S	60.8
C ₂ S	14.0
C ₃ A	9.9
C ₄ AF	7.9

For and on behalf of
HEIDELBERG MATERIALS UK



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