Chemical Report

Heidelberg Materials
UK
Ketton
Stamford
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Composition of Ketton PC, EN 197-1:2011, CEM I 52,5N
Dispatched from Ketton
Chemical analysis for week ending 11-Oct-26 Week No. 2026-40

Compound	%
SiO_2	20.39
Al_2O_3	5.01
Fe_2O_3	3.03
CaO	64.97
MgO	1.11
SO_3	3.29
K_2O	0.51
Na_2O	0.31
Cl	0.03
Loss on Ignition	2.64
Not Detected	-1.29
Total	101.30

	%
Insol Residue	1.20
Free CaO	0.2
Certified Average Alkali Na_2O (Equiv)	0.61
LSF (x 100)	96.31

Clinker compounds by Rietveld analysis	
C_3S	61.7
C_2S	13.0
C_3A	9.4
C_4AF	7.6

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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