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 25-Oct-26 Week No. 2026-42

Compound	%
SiO_2	20.32
Al_2O_3	5.00
Fe_2O_3	3.03
CaO	65.25
MgO	1.12
SO_3	3.20
K_2O	0.50
Na_2O	0.31
Cl	0.03
Loss on Ignition	2.64
Not Detected	-1.38
Total	101.38

	%
Insol Residue	1.20
Free CaO	0.5
Certified Average Alkali Na_2O (Equiv)	0.62
LSF (x 100)	97.17

Clinker compounds by Rietveld analysis	
C_3S	62.6
C_2S	11.5
C_3A	8.7
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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