

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 24-Mar-24

Week No. 2024-12

Compound	%
SiO ₂	19.95
Al ₂ O ₃	5.14
Fe ₂ O ₃	3.05
CaO	64.61
MgO	1.16
SO ₃	3.24
K ₂ O	0.61
Na ₂ O	0.28
Cl	0.04
Loss on Ignition	3.62
Not Detected	-1.70
Total	101.70

	%
Insol Residue	1.43
Free CaO	0.5
Certified Average Alkali Na ₂ O (Equiv)	0.68
LSF (x 100)	97.41

Clinker compounds by Rietveld analysis	
C ₃ S	60.3
C ₂ S	13.0
C ₃ A	9.0
C ₄ AF	7.0

For and on behalf of
HEIDELBERG MATERIALS UK



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