

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 17-Mar-24

Week No. 2024-11

Compound	%
SiO ₂	19.24
Al ₂ O ₃	4.92
Fe ₂ O ₃	3.02
CaO	63.35
MgO	1.05
SO ₃	3.21
K ₂ O	0.62
Na ₂ O	0.26
Cl	0.04
Loss on Ignition	3.62
Not Detected	0.68
Total	99.32

	%
Insol Residue	1.43
Free CaO	0.5
Certified Average Alkali Na ₂ O (Equiv)	0.68
LSF (x 100)	98.98

Clinker compounds by Rietveld analysis	
C ₃ S	60.8
C ₂ S	12.0
C ₃ A	8.8
C ₄ AF	7.0

For and on behalf of
HEIDELBERG MATERIALS UK



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