

Laboratory Chemical Report

Hanson Cement
Ketton
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Composition of Ketton Portland Cement, BS EN 197-1:2011, CEM I 52,5N

Manufactured at Ketton.

Chemical analysis for week ending 18 Mar 2018 (Week No. 11)

Compound	%
SiO ₂	19.46
Al ₂ O ₃	4.50
Fe ₂ O ₃	2.84
CaO	63.17
MgO	1.03
SO ₃	3.25
K ₂ O	0.72
Na ₂ O	0.23
Cl	0.06
Loss on Ignition	3.28
Not Detected	1.46
Total	100.00

	%
Insol Residue	0.55
Free CaO	0.7
Certified Average Alkali Na ₂ O (Equiv)	0.71
LSF (x 100)	97.9

Clinker compounds by Rietveld analysis	
C ₃ S	66.8
C ₂ S	11.9
C ₃ A	5.7
C ₄ AF	7.8

For and on behalf of
HANSON CEMENT



National Technical Manager
Hanson Cement

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