

## Laboratory Chemical Report

Hanson Cement  
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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 30 Jul 2017 (Week No. 30 )

Compound	%
SiO <sub>2</sub>	19.12
Al <sub>2</sub> O <sub>3</sub>	4.47
Fe <sub>2</sub> O <sub>3</sub>	2.85
CaO	63.17
MgO	1.19
SO <sub>3</sub>	3.40
K <sub>2</sub> O	0.71
Na <sub>2</sub> O	0.23
Cl	0.06
Loss on Ignition	3.67
Not Detected	1.13
Total	100.00

	%
Insol Residue	0.66
Free CaO	0.8
Certified Average Alkali Na <sub>2</sub> O (Equiv)	0.70
LSF (x 100)	100.4

Clinker compounds by Rietveld analysis	
C <sub>3</sub> S	65.7
C <sub>2</sub> S	12.8
C <sub>3</sub> A	5.5
C <sub>4</sub> AF	8.1

For and on behalf of  
 HANSON CEMENT



National Technical Manager  
 Hanson Cement

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