

## Chemical Report

Hanson Cement  
Ketton  
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Composition of Ketton CGPC, EN 197-1:2011, CEM I 42,5N  
Dispatched from Ketton  
Chemical analysis for week ending 22-May-22

Week No. 2022-20

Compound	%
SiO <sub>2</sub>	21.21
Al <sub>2</sub> O <sub>3</sub>	5.05
Fe <sub>2</sub> O <sub>3</sub>	2.80
CaO	64.46
MgO	1.41
SO <sub>3</sub>	3.18
K <sub>2</sub> O	0.74
Na <sub>2</sub> O	0.29
Cl	0.05
Loss on Ignition	0.73
Not Detected	0.11
Total	99.89

	%
Insol Residue	0.53
Free CaO	0.7
Certified Average Alkali Na <sub>2</sub> O (Equiv)	0.70
LSF (x 100)	92.54

Clinker compounds by Rietveld analysis	
C <sub>3</sub> S	58.3
C <sub>2</sub> S	20.7
C <sub>3</sub> A	8.2
C <sub>4</sub> AF	6.9

For and on behalf of  
HANSON CEMENT



*Dr Nina Cardinal, Dipl.Ing., CEng, MiMMM*  
*National Technical Manager*  
*Hanson Cement*

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