

Chemical Report

Hanson Cement
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Composition of Ketton PC, EN 197-1:2011, CEM I 52,5N
Dispatched from Ketton
Chemical analysis for week ending 02-Apr-23

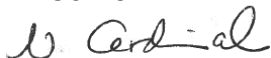
Week No. 2023-13

| Compound | % |
|--------------------------------|--------|
| SiO ₂ | 19.76 |
| Al ₂ O ₃ | 5.01 |
| Fe ₂ O ₃ | 3.05 |
| CaO | 64.21 |
| MgO | 1.18 |
| SO ₃ | 3.31 |
| K ₂ O | 0.60 |
| Na ₂ O | 0.30 |
| Cl | 0.05 |
| Loss on Ignition | 3.10 |
| | |
| Not Detected | -0.56 |
| Total | 100.56 |

| | % |
|--|-------|
| Insol Residue | 0.61 |
| Free CaO | 0.5 |
| Certified Average Alkali Na ₂ O (Equiv) | 0.68 |
| LSF (x 100) | 97.78 |

| Clinker compounds by Rietveld analysis | |
|---|------|
| C ₃ S | 58.7 |
| C ₂ S | 14.6 |
| C ₃ A | 9.1 |
| C ₄ AF | 7.0 |

For and on behalf of
HANSON CEMENT



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

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