

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 05-May-24

Week No. 2024-18

| Compound | % |
|--------------------------------|--------|
| SiO ₂ | 19.49 |
| Al ₂ O ₃ | 5.05 |
| Fe ₂ O ₃ | 3.03 |
| CaO | 63.49 |
| MgO | 1.18 |
| SO ₃ | 3.25 |
| K ₂ O | 0.61 |
| Na ₂ O | 0.26 |
| Cl | 0.04 |
| Loss on Ignition | 3.66 |
| | |
| Not Detected | -0.05 |
| Total | 100.05 |

| | % |
|--|-------|
| Insol Residue | 0.80 |
| Free CaO | 0.4 |
| Certified Average Alkali Na ₂ O (Equiv) | 0.66 |
| LSF (x 100) | 97.80 |

| Clinker compounds by Rietveld analysis | |
|---|------|
| C ₃ S | 58.8 |
| C ₂ S | 13.1 |
| C ₃ A | 9.4 |
| C ₄ AF | 6.9 |

For and on behalf of
HEIDELBERG MATERIALS UK



Dr Nina Cardinal, Dipl.Ing., CEng, MICT

National Technical Manager

Heidelberg Materials UK

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