

Chemical Report

Hanson Cement
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Composition of Ribblesdale PC, EN 197-1:2011, CEM I 52,5N
Dispatched from Ribblesdale
Chemical analysis for week ending 24-Jul-22

Week No. 2022-29

Compound	%
SiO ₂	21.48
Al ₂ O ₃	5.21
Fe ₂ O ₃	2.65
CaO	64.83
MgO	2.57
SO ₃	3.34
K ₂ O	0.64
Na ₂ O	0.26
Cl	0.06
Loss on Ignition	3.02
Not Detected	-4.06
Total	104.06

	%
Insol Residue	0.58
Free CaO	1.2
Certified Average Alkali Na ₂ O (Equiv)	0.69
LSF (x 100)	91.74

Clinker compounds by Rietveld analysis	
C ₃ S	56.0
C ₂ S	19.6
C ₃ A	6.6
C ₄ AF	6.2

For and on behalf of
HANSON CEMENT



*Dr Nina Cardinal, Dipl.Ing., CEng, MiMMM
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