

Chemical Report

Hanson Cement
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Composition of Padeswood PC, EN 197-1:2011, CEM I 52,5N
Dispatched from Padeswood
Chemical analysis for week ending 03-Jul-22


Week No. 2022-26

Compound	%
SiO ₂	19.08
Al ₂ O ₃	4.80
Fe ₂ O ₃	2.51
CaO	62.60
MgO	0.97
SO ₃	3.30
K ₂ O	0.57
Na ₂ O	0.22
Cl	0.04
Loss on Ignition	3.79
Not Detected	2.12
Total	97.88

	%
Insol Residue	0.60
Free CaO	1.2
Certified Average Alkali Na ₂ O (Equiv)	0.59
LSF (x 100)	99.14

Clinker compounds by Rietveld analysis	
C ₃ S	61.0
C ₂ S	12.5
C ₃ A	9.3
C ₄ AF	3.5

For and on behalf of
HANSON CEMENT



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