

AALBORG "White Cement"

AALBORG "White Cement" made in Egypt CEM I 52.5N

Certified by KIWA with certification No.0770-CPR-2092-01-18

Product Analysis certification

Chemical composition and physical properties for AALBORG white CEM I 52.5N,

Produced during Mar 2022 ,

		Average	Min	Max	Requirements of EN 197_1 CEM I 52.5N
<u>Chemical composition</u>					
MgO	%	0.33	0.25	1.0	Max5.0
So ₃	%	3.45	2.90	3.70	Max4.0
CL	%	0.076	0.05	0.09	Max0.10
Loss on ignition	%	3.41	2.8	4.90	Max 5.0
Insoluble residue	%	0.17	0.10	1.00	Max 5.0
<u>Physical properties</u>					
Fineness(Blaine)	M ² /kg	435	400	520	
Soundness	Mm	1.0	0.0	9.0	Max 10
<u>Compressive strength</u>					
		37.50	30.0	45.0	Min20
2 Days	MPa	68.49	55.0	70.0	Min52.5
28 Days	MPa				
Initial setting Time	Minutes	195	140	230	Min45
		255	180	290	
Final setting Time	Minutes				
Reflected (RY), DIN 50	%	86.35	85.0	87.0	



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