

An ISO 9001:2015 and ISO 14001:2015 Certified Company

ANALYTICAL TEST RESULTS

JK White Portland Cement

11-02-2023

Chemical Analysis	IS 8042 : 2015 Requirement	Test Results
SiO ₂ %		21.92
Al ₂ O ₃ %		3.89
Fe ₂ O ₃ %	Max. 1.0	0.25
CaO %		65.51
MgO %	Max. 6.0	1.03
SO ₃ %	Max. 3.5	3.28
K ₂ O %		0.35
Na ₂ O %		0.15
Insoluble Residue %	Max. 4.0	0.27
Chloride %	Max. 0.1	0.027
LOI %	Max. 7.0	2.89
LSF	0.66 - 1.02	0.96
AM		15.56
Physical Test Results		
Fineness (Air permeability) M ² / Kg	Min. 225	345
Soundness (Le-Chatelier) mm	Max 10	0.5
Autoclave expansion %	Max. 0.8	0.03
Setting time (Vicat) min.		
initial	Min. 30	95
Final	Max. 600	135
Compressive Strength Mpa		
3 days	Min. 16	47.8
7 days	Min. 22	58.1
28 days	Min. 33	68.1
Degree of Whiteness (in terms of Reflectance) %	Min. 70	89.0

WEEK No - 04/2023 (22-01-23 To 28-01-23)

Remarks: * 28 Days strength of Week No.01/2023

[Signature]

Manager Q.C



[Signature]

Head - Technical



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