



Test Certificate

(For Ordinary Portland Cement – OPC 53)

OPC 53

Dispatched during Week No.	WK- 04	From-	22/01/2025	Reference No.
Test Certificate No.- Dated -	04 23/01/2025	To-	28/01/2025	PANVEL/LAB/TC/04

S.N.	Parameters	Test Results	Requirement as per IS 269: 2015 – OPC 53
Chemical Parameters			
i)	Insoluble Residue (% by mass)	0.93	Not More than 5.0%
ii)	Loss on Ignition (% by mass)	1.89	Not More than 4.0%
Physical Parameters			
i)	Fineness–Specific Surface Area (m ² /kg)	306	Not Less than 225
Compressive Strength (MPa)			
ii)	a) 72 ± 1h (3 Days)	U.T.	Not less than 27.0
	b) 168 ± 2h (7 Days)	U.T.	Not less than 37.0
	c) 672 ± 4h (28 Days)	U.T.	Not less than 53.0
Setting Time (Minutes)			
iii)	a) Initial	135	Not less than 30 minute
	b) Final	205	Not more than 600 minute
Soundness			
iv)	a) By Le-Chatelier Method (mm)	U.T.	Not more than 10.0 mm
	b) By Autoclave Test Method (%)	U.T.	Not more than 0.8%
	Temp. During Testing (°C)	27	(27 ± 2)° C

Type of PI (Performance Improver) added (As per IS 269:2015)	-
PI (Percent Addition by mass) - Not more than 5.0%	-
• Daily Dispatch Test Certificate. (Date –22.01.2025)	27.5

The test results of above cement tested as per IS 4031 complying with the requirements of IS 269:2015 for Ordinary Portland Cement – OPC 53 Grade.

Authorised Signatory
Head Quality/Production

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