

IS 1489
(Part 1) : 2015



CM/L 7033151

Ambuja Cements Ltd.

(UNIT : PANVEL)

Moha Village, Tal. Panvel, Dist. Raigad 410206

TEST CERTIFICATE

Date: 24/04/21

For

Portland Pozzolana Cement Test & Compliance

Sr. No.	Characteristic	Requirement as per IS 1489 (Part-1) : 2015	Test Results
CHEMICAL REQUIREMENTS			
1.	Total Loss on Ignition (%)	5.0 (Max.)	2.58
2.	Insoluble Material (% by Mass) (Where X is the declared percentage of Flyash in the given P.P.C.)	$4.0 (100-X) + \frac{X}{100}$ (Max.) $0.6 * X$	28.12
PHYSICAL REQUIREMENTS			
1.	Fineness Specific Surface m ² /kg.	300 (Min.)	409
2.	Setting Time (Minutes) (a) Initial (b) Final	30 (Min.) 600 (Max.)	150 215
3.	Soundness (a) By Le-chatelier Method (mm) (b) Auto Clave (%)	10 (Max.) 0.8 (Max.)	0.50 0.02
4.	Compressive Strength in Mpa (a) 72 ± 1h (3 days) (b) 168 ± 2h (7 days) (c) 672 ± 4h (28 days)	16 (Min.) 22 (Min.) 33 (Min.)	27.9 36.7 56.4
	Declared percentage of Fly-ash in the given Portland Pozzolana Cement.	15 (Min.) 35 (Max.)	32.0

Pozzolanic material used for the manufacture of P.P.C. conforms to relevant I.S. Specification.
The Above cement complies with the requirements of IS 1489 (Part 1) : 2015 for Portland Pozzolana Cement.

Week No. : 12 / 2021

Authorised Signatory

Corporate office and Mumbai office : Elegant Business Park, Near Kohinoor Continental Hotel, Behind Kotak Mahindra Bank, Opp.J.B.Nagar, Off Andheri-Kurla Road, Andheri (East), Mumbai-400059, Tel.No.:(022)66167000/40667000, FaxNo.:(022)40667713 /40667714

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