

IS 12269: 2013



CM/L -7029261

# Ambuja Cements Ltd.

(UNIT : PANVEL)

Moha Village, Tal. Panvel, Dist. Raigad - 410306

## TEST CERTIFICATE

Date: 24/09/2016

For

53 Grade ordinary Portland Cement Test & Compliance

Sr.No.	Characteristic	Requirement as per IS 12269 : 2013	Test Result
<b>CHEMICAL REQUIREMENTS</b>			
1	Total - Loss on Ignition (%)	4.0 (Max.)	2.04
2	Insoluble Residue (% by Mass)	5.0 (Max.)	1.12
<b>PHYSICAL REQUIREMENTS</b>			
1	Fineness Specific Surface m <sup>2</sup> / Kg.	225 (Min.)	321.3
2	<b>Setting Time (Minutes)</b>		
	(a) Initial	30 (Min.)	125
	(b) Final	600 (Max.)	200
3	<b>Soundness</b>		
	Expansion by		
	(a) Le-chatelier Method (mm)	10 (Max.)	1.00
	(b) Auto Clave (%)	0.8 (Max.)	0.04
4	<b>Compressive Strength in Mpa</b>		
	(a) 72 ± 1h (3 days)	27 (Min.)	42.4
	(b) 168 ± 2h (7 days)	37 (Min.)	51.9
	(c) 672 ± 4h (28 days)	53 (Min.)	Under Test

The Above cement complies with the requirements of IS : 12269 - 2013 for 53 Grade Ordinary Portland Cement.

Week No. : 37 / 2016

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Authorised Signatory

Corporate office and Mumbai office : Elegant Business park, Near Kohinoor Continental Hotel, Behind Kotak Mahindra Bank, Opp. J. B. Nagar,  
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**Ambuja  
Cement**