

IS: 269: 2015



CM/L -7029261

**Ambuja
Cement**
Ambuja Cements Limited

Registered Office: Corporate office: ADANI Corporate House, Shantigram, Near Vaishnav Devi
Circle, S.G. Highway, Khodiyar, Ahmedabad, Gujarat - 382421
Tel. No.: +91 7925555555, Email: consumer.care@adani.com

Unit: Panvel - Dispatch Units
adani
Cement

Test Certificate

(For Ordinary Portland Cement–OPC 53)


| | | | | |
|----------------------------------|------------------|-------|------------|------------------|
| Dispatched during Week No. | WK- 25 | From- | 18/06/2025 | Reference No. |
| Test Certificate No.- Dated - | 25 23/07/2025 | To- | 24/06/2025 | PANVEL/LAB/TC/25 |

| S.N. | Parameters | Test Results | Requirement as per IS 269: 2015 – OPC 53 |
|----------------------------|---|--------------|---|
| Chemical Parameters | | | |
| i) | Insoluble Residue (% by mass) | 0.74 | Not More than 5.0% |
| ii) | Loss on Ignition (% by mass) | 1.73 | Not More than 4.0% |
| Physical Parameters | | | |
| i) | Fineness–Specific Surface Area (m ² /kg) | 308 | Not Less than 225 |
| ii) | Compressive Strength (MPa) | | |
| | a) 72 ± 1h (3 Days) | 38.3 | Not less than 27.0 |
| | b) 168 ± 2h (7 Days) | 50.5 | Not less than 37.0 |
| | c) 672 ± 4h (28 Days) | 70.8 | Not less than 53.0 |
| iii) | Setting Time (Minutes) | | |
| | a) Initial | 130 | Not less than 30 minute |
| | b) Final | 205 | Not more than 600 minute |
| iv) | Soundness | | |
| | a) By Le-Chatelier Method (mm) | 1.00 | Not more than 10.0 mm |
| | b) By Autoclave Test Method (%) | 0.03 | 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% | - |
| Normal Consistency % | 27.25 |

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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