



A Group Company
of Vicat, France

KALBURGI CEMENT PVT. LTD.



KALBURGI
CEMENT

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IS:1489 (Part-1)



CM/L-4596685

TEST CERTIFICATE VICAT-DURAMATE

PPC GRADE

Despatched from: 05.11.2018 TO 11.11.2018

Week No: 45

A. PHYSICAL REQUIREMENTS	RESULTS	As per IS 1489 (Part-1) 2015
Fineness:		
a. Specific Surface (m ² /kg)	345	Not less than 300
b. Normal Consistency (%)	32.00	---
Soundness:		
a. By Le-Chatelier Method (mm)	0.50	Not more than 10 mm
b. By Autoclave (%)	0.074	Not more than 0.8 %
Setting Time:		
a. Initial Setting Time (minutes)	165	Not less than 30
b. Final Setting Time (minutes)	265	Not more than 600
Compressive Strength (MPa)		
a. 3 days	27.79	Not less than 16
b. 7 days	Awaited	Not less than 22
c. 28 days	Awaited	Not less than 33
d. Drying Shrinkage(%)	Awaited	Not more than 0.15
e. Flyash Addition (%)	32.71	Not more than 35
B. CHEMICAL REQUIREMENTS		
a. Insoluble Residue (%)	29.44	$X+4(100-X)/100$; X = % of Flyash
b. Magnesia (%)	1.12	Not more than 6.0
c. Sulphuric Anhydride (%)	1.92	Not more than 3.5
d. Loss on Ignition (%)	2.86	Not more than 5.0
e. Alkali Content (%)	0.68	Not more than 0.90
f. Temperature During Testing(°C)	27.50	27 ± 2

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Section In-Charge (Q.C)

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HOD (Q.C)