



A Group Company
of Vicat, France

KALBURGI CEMENT PVT. LTD.



KALBURGI
CEMENT

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IS:269



CM/L-4578077

TEST CERTIFICATE VICAT-OPTIMATE OPC-53 Grade

Despatched from: 01.01.2019 to 06.01.2019

Week No: 1

A. PHYSICAL REQUIREMENTS	RESULTS	As per IS 269 – 2015
Fineness:		
a. Specific Surface (m ² /kg)	287	Not less than 225
b. Normal Consistency (%)	30.50	-----
Soundness:		
a. By Le-Chatelier Method (mm)	0.50	Not more than 10 mm
b. By Autoclave (%)	0.042	Not more than 0.8 %
Setting Time:		
a. Initial Setting Time (minutes)	165	Not less than 30
b. Final Setting Time (minutes)	270	Not more than 600
Compressive Strength (MPa)		
a. 3 days	37.56	Not less than 27
b. 7 days	Awaited	Not less than 37
c. 28 days	Awaited	Not less than 53
B. CHEMICAL REQUIREMENTS		
a. Lime Saturation Factor	0.91	0.80 – 1.02
b. Aluminum Modules	1.04	Not less than 0.66
c. Insoluble Residue (%)	2.36	Not more than 5.0
d. Magnesia (%)	0.84	Not more than 6.0
e. Sulphuric Anhydride (%)	2.30	Not more than 3.5
f. Loss on Ignition (%)	2.79	Not more than 4.0
g. Chlorides (%)	0.026	Not more than 0.1
h. Alkali Content (%)	0.54	Not more than 0.6
i. Temperature During Testing °C	26.50	27 ± 2

[Signature]

Section In-Charge (Q.C)

[Signature]

HOD (Q.C)