

KALBURGI CEMENT PVT. LTD.

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TRUST. LEGACY. FOREVER.

Works :Chatrasala (V), Kharchkhed (Post) - 585 320, Chincholi (Tq.), Gulbarga Dist.

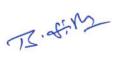
TEST CERTIFICATE (OPC - 53 Grade)

Product : VICAT - OPTIMATE

Week No:

Despatched from: 15.06.2020 to 21.06.2020

A. PHYSICAL REQUIREMENTS		RESULTS	As per IS 269 – 2015
Finenes	is:		
a.	Specific Surface (m2/kg)	300	Not less than 225
b.	Normal Consistency (%)	29.00	
Soundness:			
a.	By Le-Chatelier Method (mm)	1.00	Not more than 10 mm
b.	By Autoclave (%)	0.058	Not more than 0.8 %
Setting Time:			
a.	Initial Setting Time (minutes)	170	Not less than 30
b.	Final Setting Time (minutes)	275	Not more than 600
Compressive Strength (MPa)			
a.	3 days	35.88	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	0.92	0.80 – 1.02
b.	Aluminum Modules	1.10	Not less than 0.66
c.	Insoluble Residue (%)	2.36	Not more than 5.0
d.	Magnesia (%)	1.04	Not more than 6.0
e.	Sulphuric Anhydride (%)	2.86	Not more than 3.5
f.	Loss on Ignition (%)	2.44	Not more than 4.0
g.	Chlorides (%)	0.030	Not more than 0.1
h.	Alkali Content (%)	0.50	Not more than 0.6
i.	Temperature During Testing ⁰ C	27.00	27 ± 2



Section In-Charge (Q.C)

Authorised Signature



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