



TRUST. LEGACY. FOREVER.

KALBURGI CEMENT PVT. LTD.**Corporate Office:** 8-2-626, Reliance Majestic Building, Road No. 10, Banjara Hills, Hyderabad – 500 034, A.P., India. Ph.: +91 40 3006999; Fax: +91 40 30006955**Works :** Chatrasala (V), Kharchkhed (Post) - 585 320, Chincholi (Tq.), Gulbarga Dist.**IS:269****CM/L :4578077****TEST CERTIFICATE (OPC - 53 Grade)****Product : VICAT - OPTIMATE****Week No:****16****Despatched From : 16-04-2022 TO 22-04-2022**

A. PHYSICAL REQUIREMENTS	RESULTS	As per IS 269 – 2015
Fineness:		
a. Specific Surface (m ² /kg)	278	Not less than 225
b. Normal Consistency (%)	29.5	-----
Soundness:		
a. By Le-Chatelier Method (mm)	1.50	Not more than 10 mm
b. By Autoclave (%)	0.08	Not more than 0.8 %
Setting Time:		
a. Initial Setting Time (minutes)	160	Not less than 30
b. Final Setting Time (minutes)	255	Not more than 600
Compressive Strength (MPa)		
a. 3 days	34.45	Not less than 27
b. 7 days	44.72	Not less than 37
c. 28 days	Awaited	Not less than 53
B. CHEMICAL REQUIREMENTS		
a. Lime Saturation Factor	0.89	0.80 – 1.02
b. Aluminum Modules	1.28	Not less than 0.66
c. Insoluble Residue (%)	2.28	Not more than 5.0
d. Magnesia (%)	1.17	Not more than 6.0
e. Sulphuric Anhydride (%)	2.60	Not more than 3.5
f. Loss on Ignition (%)	2.32	Not more than 4.0
g. Chlorides (%)	0.01	Not more than 0.1
h. Alkali Content (%)	0.56	Not more than 0.6
i. Temperature During Testing °C	27.00	27 ± 2

Section In-Charge (Q.C)**Authorised Signature**