



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: 21****Despatched From : 21-05-2022 TO 27-05-2022**

A. PHYSICAL REQUIREMENTS	RESULTS	As per IS 269 – 2015
Fineness:		
a. Specific Surface (m ² /kg)	290	Not less than 225
b. Normal Consistency (%)	30.5	-----
Soundness:		
a. By Le-Chatelier Method (mm)	1.10	Not more than 10 mm
b. By Autoclave (%)	0.04	Not more than 0.8 %
Setting Time:		
a. Initial Setting Time (minutes)	140	Not less than 30
b. Final Setting Time (minutes)	245	Not more than 600
Compressive Strength (MPa)		
a. 3 days	35.04	Not less than 27
b. 7 days	45.72	Not less than 37
c. 28 days	59.89	Not less than 53
B. CHEMICAL REQUIREMENTS		
a. Lime Saturation Factor	0.92	0.80 – 1.02
b. Aluminum Modules	1.12	Not less than 0.66
c. Insoluble Residue (%)	2.30	Not more than 5.0
d. Magnesia (%)	0.87	Not more than 6.0
e. Sulphuric Anhydride (%)	2.49	Not more than 3.5
f. Loss on Ignition (%)	2.30	Not more than 4.0
g. Chlorides (%)	0.01	Not more than 0.1
h. Alkali Content (%)	0.36	Not more than 0.6
i. Temperature During Testing °C	27.20	27 ± 2

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