



TRUST. LEGACY. FOREVER.

KALBURGI CEMENT PVT. LTD.

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IS:269



CM/L :4578077

TEST CERTIFICATE (OPC - 43 Grade)**Product : VICAT - PERFORMATE****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)	267	Not less than 225
b. Normal Consistency (%)	29.5	-----
Soundness:		
a. By Le-Chatelier Method (mm)	2.00	Not more than 10 mm
b. By Autoclave (%)	0.09	Not more than 0.8 %
Setting Time:		
a. Initial Setting Time (minutes)	155	Not less than 30
b. Final Setting Time (minutes)	240	Not more than 600
Compressive Strength (MPa)		
a. 3 days	31.54	Not less than 23
b. 7 days	41.86	Not less than 33
c. 28 days	Awaited	Not less than 43 & Not more than 58
B. CHEMICAL REQUIREMENTS		
a. Lime Saturation Factor	0.87	0.66 – 1.02
b. Aluminum Modules	1.30	Not less than 0.66
c. Insoluble Residue (%)	2.34	Not more than 5.0
d. Magnesia (%)	1.21	Not more than 6.0
e. Sulphuric Anhydride (%)	2.64	Not more than 3.5
f. Loss on Ignition (%)	2.45	Not more than 5.0
g. Chlorides (%)	0.01	Not more than 0.1
h. Alkali Content (%)	0.55	Not more than 0.6
i. Temperature During Testing °C	27.00	27 ± 2

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