



KALBURGI CEMENT PVT. LTD.

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IS:1489 (Part-1)



TRUST. LEGACY. FOREVER.

CM/L :4596685

TEST CERTIFICATE (PPC)

Product : VICAT - DURAMATE

Week No: 34

Despatched From : 20-08-2022 TO 26-08-2022

A. PHYSICAL REQUIREMENTS	RESULTS	As per IS 1489 (Part-1) 2015
Fineness:		
a. Specific Surface (m ² /kg)	316	Not less than 300
b. Normal Consistency (%)	32.5	-----
Soundness:		
a. By Le-Chatelier Method (mm)	1.00	Not more than 10 mm
b. By Autoclave (%)	0.03	Not more than 0.8 %
Setting Time:		
a. Initial Setting Time (minutes)	140	Not less than 30
b. Final Setting Time (minutes)	240	Not more than 600
Compressive Strength (MPa)		
a. 3 days	25.64	Not less than 16
b. 7 days	35.44	Not less than 22
c. 28 days	52.64	Not less than 33
d. Drying Shrinkage(%)	0.027	Not more than 0.15
e. Flyash Addition (%)	29.60	Not more than 35
B. CHEMICAL REQUIREMENTS		
a. Insoluble Residue (%)	25.93	$X+4(100-X)/100$; X = % of Flyash
b. Magnesia (%)	1.03	Not more than 6.0
c. Sulphuric Anhydride (%)	2.22	Not more than 3.5
d. Loss on Ignition (%)	2.32	Not more than 5.0
e. Alkali Content (%)	0.61	Not more than 0.90
i. Temperature During Testing °C	27.20	27 ± 2

Section In-Charge (Q.C)

Authorised Signature