



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:1489 (Part-1)



CM/L :4596685

TEST CERTIFICATE (PPC)

Product : VICAT - DURAMATE

Week No: 20

Despatched From : 14-05-2022 TO 20-05-2022

A. PHYSICAL REQUIREMENTS	RESULTS	As per IS 269 – 2015
Fineness:		
a. Specific Surface (m ² /kg)	320	Not less than 300
b. Normal Consistency (%)	32.5	-----
Soundness:		
a. By Le-Chatelier Method (mm)	0.75	Not more than 10 mm
b. By Autoclave (%)	0.04	Not more than 0.8 %
Setting Time:		
a. Initial Setting Time (minutes)	135	Not less than 30
b. Final Setting Time (minutes)	230	Not more than 600
Compressive Strength (MPa)		
a. 3 days	24.50	Not less than 16
b. 7 days	35.25	Not less than 22
c. 28 days	55.27	Not less than 33
d. Drying Shrinkage(%)	0.03	Not more than 0.15
e. Flyash Addition (%)	34.62	Not more than 35
B. CHEMICAL REQUIREMENTS		
a. Insoluble Residue (%)	30.53	$X+4(100-X)/100$; X = % of Flyash
b. Magnesia (%)	0.87	Not more than 6.0
c. Sulphuric Anhydride (%)	2.48	Not more than 3.5
d. Loss on Ignition (%)	2.11	Not more than 5.0
e. Alkali Content (%)	0.55	Not more than 0.90
i. Temperature During Testing °C	27.40	27 ± 2

Section In-Charge (Q.C)

Authorised Signature