

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.; Ph. +91 08472 305999; Fax: +91 08472 305999

TEST CERTIFICATE

IS:1489 (Part-1)



CM/L-4596685

PORTLAND POZZOLANA CEMENT(FLY ASH BASED)

Despatched from: 05.02.2018 TO 11.02.2018

Week No: 6

A. PHYSICAL REQUIREMENTS	RESULTS	As per IS 1489 (Part-1) 2015
Fineness:		
a. Specific Surface (m ² /kg)	329	Not less than 300
b. Normal Consistency (%)	32.00	---
Soundness:		
a. By Le-Chatelier Method (mm)	0.50	Not more than 10 mm
b. By Autoclave (%)	0.033	Not more than 0.8 %
Setting Time:		
a. Initial Setting Time (minutes)	170	Not less than 30
b. Final Setting Time (minutes)	275	Not more than 600
Compressive Strength (MPa)		
a. 3 days	25	Not less than 16
b. 7 days	36	Not less than 22
c. 28 days	Awaited	Not less than 33
d. Drying Shrinkage(%)	Awaited	Not more than 0.15
e. Flyash Addition (%)	33.70	Not more than 35
B. CHEMICAL REQUIREMENTS		
a. Insoluble Residue (%)	30.33	$X+4(100-X)/100$; X = % of Flyash
b. Magnesia (%)	0.85	Not more than 6.0
c. Sulphuric Anhydride (%)	2.33	Not more than 3.0
d. Loss on Ignition (%)	1.93	Not more than 5.0
e. Temperature During Testing(°C)	27.00	27 ± 2


Section In-Charge (Q.C)


HOD (Q.C)