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IS:269



CM/L :4578077

TEST CERTIFICATE (OPC - 53 Grade)

Product : VICAT - OPTIMATE

Week No:

14

Despatched From : 02-04-2023 TO 08-04-2023

A. PHYSICAL REQUIREMENTS	RESULTS	As per IS 269 – 2015
Fineness:		
a. Specific Surface (m ² /kg)	285	Not less than 225
b. Normal Consistency (%)	29.00	-----
Soundness:		
a. By Le-Chatelier Method (mm)	1.00	Not more than 10 mm
b. By Autoclave (%)	0.05	Not more than 0.8 %
Setting Time:		
a. Initial Setting Time (minutes)	150	Not less than 30
b. Final Setting Time (minutes)	245	Not more than 600
Compressive Strength (MPa)		
a. 3 days	34.59	Not less than 27
b. 7 days	Awaited	Not less than 37
c. 28 days	Awaited	Not less than 53
B. CHEMICAL REQUIREMENTS		
a. Lime Saturation Factor	0.87	0.80 – 1.02
b. Aluminum Modules	1.35	Not less than 0.66
c. Insoluble Residue (%)	2.34	Not more than 5.0
d. Magnesia (%)	1.19	Not more than 6.0
e. Sulphuric Anhydride (%)	2.59	Not more than 3.5
f. Loss on Ignition (%)	2.42	Not more than 4.0
g. Chlorides (%)	0.01	Not more than 0.1
h. Alkali Content (%)	0.55	Not more than 0.6
i. Temperature During Testing °C	27.60	27 ± 2


 Manager - QC


 HOD - QC