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IS:269



CM/L :4578077

TEST CERTIFICATE (OPC - 43 Grade)

Product : VICAT - PERFORMATE

Week No: 46

Despatched From : 12/11/2023 TO 18/11/2023

A. PHYSICAL REQUIREMENTS	RESULTS	As per IS 269 – 2015
Fineness:		
a. Specific Surface (m ² /kg)	270	Not less than 225
b. Normal Consistency (%)	28.75	-----
Soundness:		
a. By Le-Chatelier Method (mm)	1.50	Not more than 10 mm
b. By Autoclave (%)	0.10	Not more than 0.8 %
Setting Time:		
a. Initial Setting Time (minutes)	165	Not less than 30
b. Final Setting Time (minutes)	270	Not more than 600
Compressive Strength (MPa)		
a. 3 days	29.64	Not less than 23
b. 7 days	Awaited	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	1.28	Not less than 0.66
c. Insoluble Residue (%)	1.80	Not more than 5.0
d. Magnesia (%)	1.16	Not more than 6.0
e. Sulphuric Anhydride (%)	2.57	Not more than 3.5
f. Loss on Ignition (%)	2.11	Not more than 5.0
g. Chlorides (%)	0.01	Not more than 0.1
h. Alkali Content (%)	0.50	Not more than 0.6
i. Temperature During Testing °C	27.40	27 ± 2

Dy Manager-QC

HOD - QC