

**TEST CERTIFICATE (OPC - 53 Grade)****Product : VICAT - OPTIMATE****Week No: 26****Despatched from: 25.06.2021 to 01.07.2021**

A. PHYSICAL REQUIREMENTS	RESULTS	As per IS 269 – 2015
Fineness:		
a. Specific Surface (m ² /kg)	298	Not less than 225
b. Normal Consistency (%)	30.00	-----
Soundness:		
a. By Le-Chatelier Method (mm)	1.50	Not more than 10 mm
b. By Autoclave (%)	0.06	Not more than 0.8 %
Setting Time:		
a. Initial Setting Time (minutes)	155	Not less than 30
b. Final Setting Time (minutes)	245	Not more than 600
Compressive Strength (MPa)		
a. 3 days	35.50	Not less than 27
b. 7 days	45.29	Not less than 37
c. 28 days	Awaited	Not less than 53
B. CHEMICAL REQUIREMENTS		
a. Lime Saturation Factor	0.90	0.80 – 1.02
b. Aluminum Modules	1.00	Not less than 0.66
c. Insoluble Residue (%)	2.56	Not more than 5.0
d. Magnesia (%)	0.98	Not more than 6.0
e. Sulphuric Anhydride (%)	2.42	Not more than 3.5
f. Loss on Ignition (%)	2.54	Not more than 4.0
g. Chlorides (%)	0.010	Not more than 0.1
h. Alkali Content (%)	0.42	Not more than 0.6
i. Temperature During Testing °C	27.00	27 ± 2

Section In-Charge (Q.C)**Authorised Signature**