



**SANGHI INDUSTRIES LIMITED**  
**QUALITY CONTROL LABORATORY**

Sanghipuram - 370 511.

Turning Dreams into Concrete Reality Tal. : Abdasa, Dist. : Kutch, State : Gujarat



T - 6817

CM/L 7431062

(NABL ACCREDITED LABORATORY)

Phone ( 02831 ) 274131, 274132, 274135, Fax : ( 02831 ) 274106,274115, e-mail : info@sanghiment.com

Page No. : 1/1  
Certificate No. : CMD/OPC/03.03.2021  
Lot Create Date : 04.03.2021  
Material : CMOPC53  
Lab Code : 61/CM/03-2021  
Sample Received From : Packing Plant  
Address : SIL-Sanghipuram  
Reference : Day Average Com.Despatch  
During of testing Period : 04.03.2021 To 01.04.2021  
Tested as per : IS4031 & IS4032  
Date of Sample : 03.03.2021  
Month : 03  
Week : 09

NABL/TP/F30

Issue No.1, Amnd.No.: 03, Eff. Dt. : 19.08.2019

## TEST CERTIFICATE

PARAMETERS TESTED	REQUIREMENTS AS PER IS 269:2015	RESULTS OBTAINED	TEST METHOD	UOM
<b>1.Chemical Testing</b>				
Loss on Ignition	LESS THAN 4.00%	1.57		%
Insoluble Residue	LESS THAN 5.00%	3.18		%
SO3	LESS THAN 3.50%	2.61		%
MgO	LESS THAN 6.00%	2.43		%
Chloride	LESS THAN 0.10%	0.036		%
LSF	0.80% To 1.02%	0.91		%
AM	MORE THAN 0.66%	1.22		%
C3A	-	6.87		%
<b>2.Mechanical Testing</b>				
Specific Surface	MORE THAN 225.00m <sup>2</sup> /kg	285		M <sup>2</sup> /Kg
Normal Consistency		28.5		%
Setting Time - Initial	MORE THAN 30.00min	140		min
Setting Time - Final	LESS THAN 600.00min	190		min
Soundness Lechatelier	LESS THAN 10.00MM	2.5		mm
Soundness Autoclave	LESS THAN 0.80%	0.32		%
Comp. Strength - 24 Hrs. *		23.7		MPa
Comp. Strength - 72 ± 1 Hrs.	MORE THAN 27.00MPa	35.1		MPa
Comp. Strength - 168 ± 2 Hrs.	MORE THAN 37.00MPa	45.7		MPa

**Conditions :**

- The test results pertain to the sample received only.
- This report is being issued with a specific understanding that SIL QC LAB will not in any way be involved in action following the interpretation of above results.
- This report shall not be re-produced except in full without written approval from SIL QC LAB.

**Authorised Signatory**

**Quality Manager**