



CM/L 7431062

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Page No. : 1/1  
 Certificate No. : CMD/OPC53/16.07.2022  
 Date : 17.07.2022  
 Material : CMOPC53  
 Lab Code : 194/CMOPC53/07-2022  
 Sample Received From : Packing Plant  
 Address : SIL-Sanghipuram  
 Reference : Day Average Com.Despatch  
 Testing Started On : 17.07.2022  
 Tested as per : IS4031 & IS4032  
 Date of Sample : 16.07.2022  
 Month : 07 Rh : As per IS requirement  
 Week : 29 Temperature : 27°C ± 2

NABL/TP/F30

Issue No.01,Amnd.No.: 03, Eff. Dt. : 19.03.2019

## TEST CERTIFICATE

PARAMETERS TESTED	REQUIREMENTS IS 269 : 2015 / CUSTOMER	RESULTS OBTAINED	Test Method	UOM
<b>1.Chemical Testing</b>				
Loss on Ignition	LESS THAN 4.00%	2.34	IS 4032:1985	%
Insoluble Residue	LESS THAN 5.00%	2.22	IS 4032:1985	%
SO <sub>3</sub>	LESS THAN 3.50%	2.85	IS 4032:1985	%
MgO	LESS THAN 6.00%	3.42	IS 4032:1985	%
Chloride	LESS THAN 0.10%	0.088	IS 4032:1985	%
LSF	0.80% To 1.02%	0.84	-	%
AM	MORE THAN 0.66%	1.30	-	%
C3A	-	7.84	-	%
<b>2.Mechanical Testing</b>				
Specific Surface	MORE THAN 225.00M <sup>2</sup> /KG	295	IS 4031(Part 2):1999	M <sup>2</sup> /Kg
Normal Consistency		28.8	IS 4031(Part 4):2005	%
Setting Time - Initial	MORE THAN 30.00MIN	120	IS 4031(Part 5):2005	min
Setting Time - Final	LESS THAN 600.00MIN	165	IS 4031(Part 5):2005	min
Soundness Lechatelier	LESS THAN 10.00MM	1	IS 4031(Part 3):2005	mm
Soundness Autoclave	LESS THAN 0.80%	0.15	IS 4031(Part 3):2005	%

**Conditions :**

1. The test results pertain to the sample received only.
2. 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.
3. This report shall not be re-produced except in full without written approval from SIL QC LAB.

**Authorised Signatory**



**K.Venkatachalam**  
Quality Manager



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

Sanghipuram - 370 511.

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



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Comp. Strength - 24 Hrs. *		22.1	IS 4031(Part 6):2005	MPa
Comp. Strength - 72 ± 1 Hrs.	MORE THAN 27.00MPA	35.8	IS 4031(Part 6):2005	MPa
Comp. Strength - 168 ± 2 Hrs.	MORE THAN 37.00MPA	45.3	IS 4031(Part 6):2005	MPa

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