



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

Sanghipuram - 370 511.

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

**CM/L 7431062**

**T - 6817**

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

Page No. : 1/1  
Certificate No. : CMD/OPC53/01.05.2022  
Date : 02.05.2022  
Material : CMOPC53  
Lab Code : 121/CMOPC53/05-2022  
Sample Received From : Packing Plant  
Address : SIL-Sanghipuram  
Reference : Day Average Com.Despatch  
Testing Started On : 02.05.2022  
Tested as per : IS4031 & IS4032  
Date of Sample : 01.05.2022  
Month : 05 Rh : More than 65%  
Week : 18 Temperature : 27°C ± 2  
NABL/TP/F30

Issue No.5, Amnd.No.: 00, Eff. Dt. : 19.08.2019

## 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%	2.72	IS 4032:1985	%
Insoluble Residue	LESS THAN 5.00%	3.38	IS 4032:1985	%
SO <sub>3</sub>	LESS THAN 3.50%	2.85	IS 4032:1985	%
MgO	LESS THAN 6.00%	3.25	IS 4032:1985	%
Chloride	LESS THAN 0.10%	0.091	IS 4032:1985	%
LSF	0.80% To 1.02%	0.83	-	%
AM	MORE THAN 0.66%	1.24	-	%
C3A	-	7.43	-	%
<b>2.Mechanical Testing</b>				
Specific Surface	MORE THAN 225.00M <sup>2</sup> /KG	320	IS 4031(Part 2):1999	M <sup>2</sup> /Kg
Normal Consistency		29.8	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	170	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%	0.16	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

Quality Manager



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S A N G H I  C E M E N T  * S A N G H I  C E M E N T					S A N G H I  C E M E N T  * S A N G H I  C E M E N T
	Comp. Strength - 24 Hrs. *		24.2	IS 4031(Part 6):2005	MPa
	Comp. Strength - 72 ± 1 Hrs.	MORE THAN 27.00MPA	38.6	IS 4031(Part 6):2005	MPa
	Comp. Strength - 168 ± 2 Hrs.	MORE THAN 37.00MPA	47.2	IS 4031(Part 6):2005	MPa
	Comp. Strength - 672 ± 4 Hrs.	MORE THAN 53.00MPA	58.2	IS 4031(Part 6):2005	MPa

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