



CM/L 7431062

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Page No. : 1/1
 Certificate No. : CMD/OPC53/25.06.2022
 Date : 26.06.2022
 Material : CMOPC53
 Lab Code : 176/CMOPC53/06-2022
 Sample Received From : Packing Plant
 Address : SIL-Sanghipuram
 Reference : Day Average Com.Despatch
 Testing Started On : 26.06.2022
 Tested as per : IS4031 & IS4032
 Date of Sample : 25.06.2022
 Month : 06 Rh : As per IS requirement
 Week : 26 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
1.Chemical Testing				
Loss on Ignition	LESS THAN 4.00%	3.42	IS 4032:1985	%
Insoluble Residue	LESS THAN 5.00%	2.70	IS 4032:1985	%
SO ₃	LESS THAN 3.50%	2.70	IS 4032:1985	%
MgO	LESS THAN 6.00%	3.55	IS 4032:1985	%
Chloride	LESS THAN 0.10%	0.085	IS 4032:1985	%
LSF	0.80% To 1.02%	0.83	-	%
AM	MORE THAN 0.66%	1.27	-	%
C3A	-	7.71	-	%
2.Mechanical Testing				
Specific Surface	MORE THAN 225.00M ² /KG	290	IS 4031(Part 2):1999	M ² /Kg
Normal Consistency		29.3	IS 4031(Part 4):2005	%
Setting Time - Initial	MORE THAN 30.00MIN	105	IS 4031(Part 5):2005	min
Setting Time - Final	LESS THAN 600.00MIN	150	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%	0.13	IS 4031(Part 3):2005	%

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



K.Venkatachalam
 Quality Manager



SANGHI INDUSTRIES LIMITED
QUALITY CONTROL LABORATORY

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



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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
	Comp. Strength - 24 Hrs. *		22.8	IS 4031(Part 6):2005	MPa
	Comp. Strength - 72 ± 1 Hrs.	MORE THAN 27.00MPA	36	IS 4031(Part 6):2005	MPa
	Comp. Strength - 168 ± 2 Hrs.	MORE THAN 37.00MPA	45.4	IS 4031(Part 6):2005	MPa

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