



Turning Dreams into Concrete Reality

**SANGHI INDUSTRIES LIMITED  
QUALITY CONTROL LABORATORY**

Sanghipuram - 370 511.

Tal. : Abdasa, Dist. : Kutch, State : Gujarat



**T - 6817**

**CM/L-3744164**

**(NABL ACCREDITED LABORATORY)**

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

Page No. : 1/1  
 Certificate No. : CMD/PPC/18.01.2021  
 Lot Create Date : 19.01.2021  
 Material : CMPPC  
 Lab Code : 18/CM/1-2021  
 Sample Received From : Packing Plant  
 Address : SIL-Sanghipuram  
 Reference : Day Average Com. Dispatch  
 Tested as per : IS4031 & IS4032  
 Date of Sample : 18.01.2021  
 Date of Testing : 19.01.2021  
 Month : 01 Rh : More than 65%  
 Week : 03 Temperature : 27°C+ 2  
 Issue Date :

NABL/TP/F30

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

**TEST CERTIFICATE**

PARAMETER TESTED	RESULTS OBTAINED	UOM	TEST METHOD	SPECIFICATION (IS:1489:2015)
<b>1.PPC Chemical Testing</b>				
PPC-LOI	3.07	%	IS 4032:1985	LESS THAN 5.00
PPC - MGO	2.42	%	IS 4032:1985	LESS THAN 6%
PPC_SO3	2.95	%	IS 4032:1985	LESS THAN 3.50
PPC -CI	0.031	%	IS 4032:1985	LESS THAN 0.10
PPC Flyash Content	27.00	%	-	15% to 35%
IR_PPC X+4.0(100-X)100 & 0.60*X,MIN	24.79	%	IS 4032:1985	X + 4.0 ( 100-X)/100, Max & 0.60 * X Min
<b>2.PPC Mechanical Testing</b>				
PPC - Specific Surface	360	M2/Kg		MORE THAN 300
PPC-Normal Consistency	27.00	%	IS 4031(Part 4):1988	N.A.
PPC -Initial Setting Time	125	min	IS 4031(Part 5):1988	MORE THAN 30
PPC -Final Setting Time	180	min	IS 4031(Part 5):1988	LESS THAN 600
Le-Chatlier Expansion LCE_PPC	0.5	mm	IS 4031(Part 3):1988	LESS THAN 10
Autoclave Expansion - PPC	0.044	%	IS 4031(Part 3):1988	LESS THAN 0.80
1 Days Compressive Strength - PPC	18.8	MPa		N.A.
3 Days Compressive Strength - PPC	30.9	MPa	IS 4031(Part 6):1988	MORE THAN 16.0
7 Days Compressive Strength - PPC	38.4	MPa	IS 4031(Part 6):2005	MORE THAN 22.0
28 Days Compressive Strength - PPC	56.3	MPa	IS 4031(Part 6):2005	MORE THAN 33.0

**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.
- 1 Day testing is out of NABL scope.
- Insoluble Residue limit as per % Fly Ash declaration

**Authorised Signatory**

**Quality Manager**