

**CML-3744164 (NABL ACCREDITED LABORATORY)**  
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Page No. : 1/1  
Certificate No. : CMDPPC : 07.01.2021  
Lot Create Date : 08.01.2021  
Material : CMPPC  
Lab Code : 07/CMPPC/01-2021  
Sample Received From : Packing Plant  
Address : SIL Sanghipuram  
Reference : Day Average COM.Despatch  
Tested as per : IS4031 & IS4032  
Date of Sample : 07.01.2021  
Date of Testing : 08.01.2021  
Month : 01 Rh : More than 65%  
Week : 01 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	2.91	%	IS 4032:1985	LESS THAN 5.00
PPC - MGO	2.18	%	IS 4032:1985	LESS THAN 6%
PPC_SO3	2.83	%	IS 4032:1985	LESS THAN 3.50
PPC -CI	0.032	%	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	24.11	%	IS 4032:1985	X + 4.0 ( 100-X)/100, Max & 0.60 * X Min
<b>2.PPC Mechanical Testing</b>				
PPC - Specific Surface	365	M2/Kg		MORE THAN 300
PPC-Normal Consistency	27.00	%	IS 4031(Part 4):1988	N.A.
PPC -Initial Setting Time	120	min	IS 4031(Part 5):1988	MORE THAN 30
PPC -Final Setting Time	170	min	IS 4031(Part 5):1988	LESS THAN 600
Le-Chatlier Expansion LCE_PPC	1.0	mm	IS 4031(Part 3):1988	LESS THAN 10
Autoclave Expansion - PPC	0.128	%	IS 4031(Part 3):1988	LESS THAN 0.80
1 Days Compressive Strength - PPC	18.0	MPa		N.A.
3 Days Compressive Strength - PPC	30.1	MPa	IS 4031(Part 6):1988	MORE THAN 16.0
7 Days Compressive Strength - PPC	37.6	MPa	IS 4031(Part 6):2005	MORE THAN 22.0
28 Days Compressive Strength - PPC	56.8	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