

CM/L-3744164

(NABL ACCREDITED LABORATORY)

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Certificate No. : CMD/PPC/30.01.2021
Lot Create Date : 31.01.2021
Material : CMPPC
Lab Code : 30/CM/1-2021
Sample Received From : Packing Plant
Address : SIL-Sanghipuram
Reference : Day Average Com. Dispatch
Tested as per : IS4031 & IS4032
Date of Sample : 30.01.2021
Date of Testing : 31.01.2021
Month : 01 Rh : More than 65%
Week : 04 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)
1.PPC Chemical Testing				
PPC-LOI	2.98	%	IS 4032:1985	LESS THAN 5.00
PPC - MGO	2.46	%	IS 4032:1985	LESS THAN 6%
PPC_SO3	2.83	%	IS 4032:1985	LESS THAN 3.50
PPC -CI	0.036	%	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	24.80	%	IS 4032:1985	X + 4.0 (100-X)/100, Max & 0.60 * X Min
2.PPC Mechanical Testing				
PPC - Specific Surface	350	M2/Kg		MORE THAN 300
PPC-Normal Consistency	29.00	%	IS 4031(Part 4):1988	N.A.
PPC -Initial Setting Time	105	min	IS 4031(Part 5):1988	MORE THAN 30
PPC -Final Setting Time	155	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	0.048	%	IS 4031(Part 3):1988	LESS THAN 0.80
1 Days Compressive Strength - PPC	18.1	MPa		N.A.
3 Days Compressive Strength - PPC	29.5	MPa	IS 4031(Part 6):1988	MORE THAN 16.0
7 Days Compressive Strength - PPC	36.2	MPa	IS 4031(Part 6):2005	MORE THAN 22.0
28 Days Compressive Strength - PPC	55.4	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