

CPRI

TEST REPORT



Central Power Research Institute

(A Govt.of India Society,)
P.B. No.8066, Sadashivanagar Post Office
Prof. Sir.C.V. Raman Road,
Bangalore - 560 080(INDIA)



TEST REPORT

Test Report Number : CPRI/BLRCABMISC19T0007 Dated: 10.01.2019

Name & Address of the Customer : M/s. Macoplast Pipe Industries,
11, Site #1A, Kyalasanahalli Village,
Bangalore East Taluk,
Bangalore - 560 077
Near Kothnur Police Station.

Name & Address of the Manufacturer : M/s. Macoplast Pipe Industries,
11, Site #1A, Kyalasanahalli Village,
Bangalore East Taluk,
Bangalore - 560 077
Near Kothnur Police Station.

Particulars of sample tested : Universal 25 mm Heavy FRLS UPVC Electrical
Conduit Pipe

Condition of the Sample on Receipt : New

Type : Nil
Description of test sample : Universal 25 mm Heavy FRLS UPVC Electrical
Conduit Pipe
Printing : UNIVERSAL ISI UPVC 25 mm HEAVY

Serial Number : Nil
Number of samples tested : One
Date(s) of Test(s) : 31.12.2018 to 04.01.2019
CPRI sample code no : CDDMISC18S0060

Particulars of tests conducted : Flammability test

Test in accordance with standard/specification : ASTM D 635/2010


Sampling plan : Not applicable
Customer's requirement : Nil
Deviations if any : Nil

Name of the witnessing persons : None
Customer's representatives : None
Other than Customer's representatives : None
Test subcontracted with address of the laboratory

Documents constituting this report (in words)

Number of Sheets : Three
Number of oscillograms : Nil
Number of graphs : Nil
Number of photos : Nil
Number of Test Circuit Diagrams : Nil
Number of Drawings : Nil

R. Arunjothi
(R.ARUNJOTHI)
TEST ENGINEER



K.P. Meena
(K.P.MEENA)
JOINT DIRECTOR
Approved By

CENTRAL POWER RESEARCH INSTITUTE



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Test Report No.: CPRI/LRC/ABMISC/19T00007

Date: 10.01.2019

TEST RESULTS

The PVC Electrical Conduit Pipe is moulded into the required dimensions and the following test is carried out.

FLAMMABILITY TEST

Reference Specification : ASTM D 635/2010
No. of specimen tested : Ten
Sample Dimensions : Length : 125 mm, Width : 13 mm, Thickness : 3 mm
Time of Application of flame : 30 seconds
Type : Self-supporting material.
Conditioning : Samples were conditioned at 23±2°C Temp. & 50±5% R.H for 48 Hours.

Sample No.	Time taken to reach 25mm mark	Time taken to reach 100mm mark	Time taken to Burn 75mm	Rate of burning	Time of burning (Secs)	Extent of Burning (in mm)
1.	Flame does not reach the 25 mm mark as the flame extinguishes immediately after the removal of Flame Source	Not applicable	Not applicable	Not applicable	Flame Extinguishes immediately after the removal of Flame Source	23
2.						22
3.						24
4.						23
5.						24
6.						21
7.						22
8.						24
9.						24
10.						23

Average extent of burning : 23 mm.

Classification : The material is classified as HB.

R. Arunjothi
(R.ARUNJOTHI)
TEST ENGINEER

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NOTE

- a) The test results relate only to the item(s) tested.
- b) Publication or reproduction of this test report in any form other than by complete set of the whole report and in the language written is not permitted without the written consent of CPRI.
- c) Any Correction/erasure invalidates the test report.
- d) NABL has accredited this laboratory as per ISO/IEC 17025-2005 standard, vide certificate no. TC-5452 for the tests carried out.
- e) Any anomaly/discrepancy in this test report should be brought to the notice of CPRI within 45 days from the date of issue.

R. Arunjothi
(R.ARUNJOTHI)
TEST ENGINEER