



केन्द्रीय विद्युत अनुसंधान संस्थान

(भारत सरकार की सोसाइटी, विद्युत मंत्रालय)

प्रो सर सी. वी. रामन रोड, सदाशिवनगर डाक घर, पो. बा. सं. 8066, बेंगलूर - 560 080

CENTRAL POWER RESEARCH INSTITUTE

(A Govt of India Society under Min. of Power)

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By Speed Post

2/1/DCCD(FRLS)/16-17

Dt.06/04/2016

M/s. Macoplast Pipe Industries,
1A, Khata No. 153/1, AS No.11,
Kyalasanahalli Village,
KR Puram Hobli,
Bangalore – 560 077.

Sub : Flammability Test
Ref No : Letter Dt.30.03.2016
Kind Attn : Mr. Puneeth Jain

Dear sir

This has reference to the above cited letter regarding Flammability test on Moulded PVC Circular Junction Boxes.

As requested the test has been completed and the test report No. DCCD – 15137 dated. 06.04.2016 is enclosed.

In order to prevent tampering of test report, CPRI has introduced hologram on the first page of the test report with effect from 01.10.2007.

Any discrepancy in the test report may please be informed within forty five days from the date of receipt of the test report.

The receipt of the test report may please be acknowledged.

Thanking you and assuring you our services at all times,

Yours faithfully,

(K.Mallikarjunappa)
Joint Director

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)**

CENTRAL POWER RESEARCH INSTITUTE



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TEST REPORT

Test Report Number : DCCD-15137 Dated: 06.04.2016

Name & Address of the Customer : M/s. Macoplast Pipe Industries,
1A, Khata No. 153/1, AS No.11,
Kyalasanahalli Village,
KR Puram Hobli,
Bangalore – 560 077.

Name & Address of the Manufacturer : M/s. Macoplast Pipe Industries,
1A, Khata No. 153/1, AS No.11,
Kyalasanahalli Village,
KR Puram Hobli,
Bangalore – 560 077.

Particulars of sample tested : Moulded Samples of 25mm Spout type 4 way PVC Circular
Junction Boxes

Condition of the Sample on Receipt : Moulded Condition
Type : Brand : MARUDHAR
Designation : Moulded Samples of 25mm Spout type 4 way PVC Circular
Junction Boxes

Serial Number : Nil
Number of samples tested : One
Date(s) of Test(s) : 03.04.2016 to 05.04.2016
CPRI sample code no : DCCDFRLS16S0033

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 : None

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. Mallikarjunappa)
(K. Mallikarjunappa)
Joint Director

CENTRAL POWER RESEARCH INSTITUTE



TEST REPORT

Test Report No.: DCCD-15137

Date: 06.04.2016

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TEST RESULTS

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 extinguishes Before reaching 25 mm mark.	Not applicable	Not applicable	Not applicable	Flame extinguishes immediately after the removal of flame	19
2.						20
3.						18
4.						17
5.						20
6.						21
7.						19
8.						18
9.						20
10.						20

Average extent of burning : 19.2 mm.

Classification : The material is classified as HB.

R. Arunjothi
(R.Arunjothi)
Test Engineer



TEST REPORT

Test Report No.: DCCD-15137

Date: 06.04.2016

CPRI

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 the 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 17025-2005 standard, vide certificate no. T-0010 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