

सेन्ट्रल इंस्टिट्यूट ऑफ पेट्रोसायन
इंजीनियरिंग एण्ड टेक्नोलॉजी
(रसायन एवं पेट्रोसायन विभाग,
रसायन एवं उर्वरक मंत्रालय, भारत सरकार)
एच.सी.एल. पोस्ट, आई.डी.ए.,
फेस - २, चेरलापल्ली, हैदराबाद - ५०० ०५१.
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**CENTRAL INSTITUTE OF PETROCHEMICALS
ENGINEERING & TECHNOLOGY**

(Department of Chemicals & Petrochemicals,
Ministry of Chemicals & Fertilizers, Govt. of India)

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सिपेट / हैदराबाद / पीटीसी / 2021-22 / 1369
CIPET/HYD/PTC/2021-22

दिनांक : 22.02.2022
Date : 22.02.2022

सेवा में,
To

M/s. ARC Insulation & Insulators Pvt. Ltd.,
Village Ramdevpur, P.O Bawali
P.S.Bishnupur, 24 Pgs.(S)
Westbengal - 743384.

विशय :- परीक्षण प्रतिवेदन - संदर्भ में ।

Sub : Issue of Test Report

Ref : (1) Your Letter No. CORR/21-22/77 & dt.04.02.2022 &

Ref : (2) Your Letter No. VELP/QA&I/APECDCL/CIPET/21-22/583 & dt.07.02.2022

प्रिय महोदय, / Dear Sir,

उपरोक्त विषय के संदर्भ में कृपया इस पत्र के साथ परीक्षण प्रतिवेदन सं : 2105366
दि:22.02.2022 तथा प्रतिपुष्टी प्राप्त संलग्नीय हैं। कृपया इसे भरकर हमें वापस
लौटा दें ।

With reference to the above cited subject, we are enclosing herewith Test Report No.2105366
dated: 22.02.2022 and Invoice. We are also enclosing herewith feedback form. Kindly fill it and
sent it back to us.

धन्यवाद तथा अच्छी सेवा के आश्वासन के साथ ।

Thanking you and assuring you of our best services.

आपका भवदिय, / Yours faithfully,

AUTHORISED SIGNATORY

संलग्न : यथोक्त / Encl : As above



Plastics Testing Centre

No.: 0132703

Test Certificate

Page 1 of 2

Date: 22.02.2022

Issued to: M/s. ARC Insulation & Insulators Pvt. Ltd.,
Village Ramdevpur, P.O Bawali
P.S.Bishnupur, 24 Pgs.(S)
Westbengal - 743384.

Ref:(1) Your Letter No. CORR/21-22/77 & dt.04.02.2022 &

Ref:(2) Your Letter No. VELP/QA&I/APECDCL/CIPET/21-22/583 & dt.07.02.2022

TEST REPORT AS PER - BS

PART A : PARTICULARS OF SAMPLE SUBMITTED

REPORT NO : 2105366

- a) Name of the Sample : FRP Sheet as stated by party
- b) Grade/Variety/Type/Size/Class : (1) 6x200x225 Class-I & (2) 6x200x885 Class-I (Flat) as stated by party
- c) Declared values, if any : Brand Name : "ARC" as stated by party
- d) Code No. : Nil
- e) Batch No. and Date of Manufacture : ARC/21-22/WO/SAMPLE DATED: 04.02.2022
- f) Quantity : (1) 6x200x225- 04 nos & (2) 6x200x885 02 nos
- g) Mode of Packing : Gunny Bag
- h) Seal : Nil
- i) Any other information : Samples received on 07.02.2022
- j) Date of initiation of testing : 07.02.2022
- k) Date of completion of testing : 22.02.2022

PART B : SUPPLEMENTARY INFORMATION

- a) Reference to sampling Procedure : Nil
- b) Supporting documents for the measurement taken and result derived : Nil
- c) Deviation from the test method as prescribed: in relevant work instructions, if any : Nil
- d) Statement of conformity as per the test result obtained : As per Part-C
- e) Decision Rule applicable or not : Nil

Test Certificate

No.: 0132703

Continuation Sheet



REPORT No. 2105366
PART - C

Page 2 of 2

TEST RESULTS

S. No.	TEST	TEST METHOD	RESULT OBTAINED	UNIT
1.	Ignitability Evolution for Materials	BS 476(Pt.5)	Self extinguished within 3 sec after removal of the flame	--
2.	Fire Propagation	BS 476(Pt.6)	11.0	-
3.	Surface Spread of Flame	BS 476(Pt.7)	Class-1	-

NB: 1. This Test Report/Certificate is issued only for the samples submitted to CIPET.

2. The results stated above related only to the items tested

3. The report shall not be reproduced in full/part without written approval of the laboratory.

4. The quality of the subsequent production lot has to be ensured by the purchaser.

5. Any anomaly/discrepancy in this report should be brought to the notice of CIPET within 30 days from the date of issue


AUTHORISED SIGNATORY

सिपेट : स्कूल फार एडवांस्ड
रिसर्च इन पेट्रोकेमिकल्स (एस. ए. आर. पी.)
एडवांस्ड पॉलीमर डिसेन रिसर्च & डेवलपमेन्ट
रिसर्च लॉबोरेटरी, (ए. पी. डी. डी. आर. एल.)

रसायन एवं पेट्रोसायन विभाग

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Dept. of Chemicals & Petrochemicals,
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(IT Sector), Jala Hobli, Bengaluru - 562149

E-mail : apddrl@cipet.gov.in / apddrlbengaluru@gmail.com

Head Office : CIPET, Guindy, Chennai - 600032

CIPET: SARP-APDDRL/BLR/Testing/2021-22/1 & 11

Dated: 10.01.2022

To
M/s. ARC Insulation and Insulators Pvt. Ltd.,
Village – Ramdevpur, P.O. – Bawali,
P.S.- Bishnupur, 24 Pgs. (S) – 743384
West Bengal

Dear Sir,

Sub.: Test Report – reg.

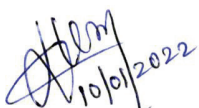
Ref.: Letter Ref. No. CORR/21-22/60 dtd. 11.12.2021 & email dtd. 10.01.2022

We are enclosing herewith Test Report No. 21189 (Revised) dtd. 10.01.2022 pertaining to testing of you submitted sample.

Customer Feedback form is enclosed herewith, which you are requested to fill-up and send us back.

Thanking you,

With regards,


Authorized Signatory

Encl: As above

केन्द्र : अहमदाबाद, अमृतसर, औरंगाबाद, अगरतला, बही, बालासोर, बेंगलुरु, भोपाल, भुवनेश्वर, चन्द्रपुर, चेन्नै, देहरादून, गुरुग्राम, गुवाहाटी, ग्वालियर, हैदराबाद, हाजीपुर, हल्दिया, इम्फाल, जयपुर, कोच्चि, कोरबा, लखनऊ, मदुरै, मुरथल, मैसूर, रायपुर, राँची, बलसाड एवं विजयवाडा.

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TEST REPORT

Page 1 of 4

ULR – TC 932121000000116P

Test Report No : 21189 (A) (Revised)

Date : 10.01.2022

Issued to :

M/s. ARC Insulation and Insulators Pvt. Ltd.,

Village – Ramdevpur, P.O. – Bawali,

P.S.- Bishnupur, 24 Pgs. (S) – 743384

West Bengal

Ref.: Letter Ref. No. CORR/21-22/60 dtd. 11.12.2021 & email dtd. 10.01.2022

PART A: PARTICULARS OF SAMPLE SUBMITTED

Nature of Sample	:	“FRP/GRP Pultruded structural Profile” as received from the party.
Grade / Variety / type / Size / Class etc.	:	“FRP/GRP C Channel – 203.2X 55.6X9.5mm” as mentioned in the letter.
Brand name, if any	:	“ARC” as mentioned in the letter.
Declared values, if any	:	----
Code No.	:	----
Batch No. and date of manufacture	:	“ARC/21-22/WO/105 dtd. 08.12.2021” as mentioned in the letter.
Quantity	:	4nos.
Mode of Packing	:	----
Date of receipt of sample	:	22.12.2021
Date (s) of Performance of test	:	23.12.2021 – 04.01.2022
Sealed or not	:	Unsealed
Any other information	:	----

PART B: SUPPLEMENTARY INFORMATION

a) Reference to sampling procedure	:	Supplied by the party
b) Supporting documents for the measurements taken and results derived like graphs, tables, sketches and / or photographs as appropriate to test report, if any (to be attached)	:	Nil
c) Deviation from the test methods as prescribed in relevant IS / Work instructions, if any	:	Nil

Samir
10/01/2022

Samir
10/01/2022

केन्द्र : अहमदाबाद, अमृतसर, औरंगाबाद, अगरतला, बड़ी, बालासोर, बेंगलुरु, भोपाल, भुवनेश्वर, चन्द्रपुर, चेन्नै, देहरादून, गुरुग्राम, गुवाहाटी, ग्वालियर, हैदराबाद, हाजीपुर, हल्दिया, इम्फाल, जयपुर, कोच्चि, कोरबा, लखनऊ, मदुरै, मुरथल, मैसूर, रायपुर, राँची, बलसाड एवं विजयवाड़ा.

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सिपेट : स्कूल फार एडवांस्ड
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Page 2 of 4

ULR – TC 932121000000116P

Test Report No : 21189 (A) (Revised)

Date : 10.01.2022

TEST REPORT

PART C : TEST RESULTS

Sl. No	Name of the test	Test Method	Unit	Results Obtained
1	Surface Resistivity	ASTM D 257	Ω	1.44×10^{13}
2	Volume Resistivity @ D1 = 30.5mm, D2 = 57.0mm electrode measuring at 500V	ASTM D 257	$\Omega \cdot \text{cm}$	9.27×10^{13}
3	Dissipation Factor @ 1.00MHz	ASTM D 150	-	0.03

PART D: REMARKS –

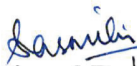
I. Statement of conformity: NA

II. Opinion & Interpretation: NA

NB:

- The results stated above related only to the items tested.
- This Test Report shall not be reproduced except in full without the written approval from CIPET:SARP-APDDRL, Bengaluru
- This Test report is intended for your guidance and is not valid for legal purposes or for advertisement.
- Any anomaly/discrepancy in this report should be brought to the notice of CIPET within 30 days from the date of issue.
- Tested Sample will be disposed-off after 90 days from the date of test.
- Details of test subcontracted: Nil

-----End of Report-----


Reviewed By 10/01/2022
Sasmita Mishra
Technical Officer (Testing)


Authorized By
Dr. Lakshmi Unnikrishnan
Scientist

केन्द्र : अहमदाबाद, अमृतसर, औरंगाबाद, अगरतला, बदी, बालासोर, बेंगलुरु, भोपाल, भुवनेश्वर, चन्द्रपुर, चेन्नै, देहरादून, गुरुग्राम, गुवाहाटी, ग्वालियर, हैदराबाद, हाजीपुर, हल्दिया, इम्फाल, जयपुर, कोच्चि, कोरबा, लखनऊ, मदुरै, मुरथल, मैसूरु, रायपुर, राँची, बलसाड एवं विजयवाडा.

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