

सिपेट : स्कूल फार एडवांस्ड  
रिसर्च इन पेट्रोकेमिकल्स (एस. ए. आर. पी)  
एडवांस्ड पॉलीमर डिसेन रिसर्च & डेवेलपमेन्ट  
रिसर्च लॉबोरेटोरी, (ए.पी.डी.डी.आर.एल)  
रसायन एवं पेट्रोसायन विभाग  
रसायन एवं उर्वरक मंत्रालय, भारत सरकार  
प्लॉट नंबर : ७ पि, हार्ट टेक रक्ष और एयरोस्पेस पार्क  
(आईटी सेक्टर), जलाहोवली, बेंगलुरु - 562149  
ई-मेल : apddrl@cipet.gov.in  
मुख्यालय : सिपेट, गिंडी, चेन्नै - 600032



CIPET : SCHOOL FOR ADVANCED  
RESEARCH IN PETROCHEMICALS (SARP)-  
ADVANCED POLYMER DESIGN & DEVELOPMENT  
RESEARCH LABORATORY (APDDRL)

Dept. of Chemicals & Petrochemicals,  
Ministry of Chemicals & Fertilizers, Govt. of India  
Plot No. 7P. Hi Tech Defence and Aerospace Park  
(IT Sector), Jala Hobli, Bengaluru - 562 149  
E-mail : apddrl@cipet.gov.in  
Head Office : CIPET, Guindy, Chennai - 600032

CIPET: SARP-APDDRL/BLR/Testing/2025-26/ 302

Dated: 25.07.2025

To  
M/s. Zion UPVC windows and doors,  
Kammasandra Road,  
Bangalore -560100

Dear Sir,

विषय: परीक्षण रिपोर्ट संबंध में।

Sub.: Test Report – reg.

संदर्भ: आपके ईमेल दिनांक 18.07.2025

Ref.: Your Email Dtd 18.07.2025

हम आपके प्रस्तुत नमूने के परीक्षण से संबंधित परीक्षण रिपोर्ट संख्या 250231 दिनांक 25.07.2025 संलग्न कर रहे हैं।

We are enclosing herewith Test Report No. 250231 dtd. 25.07.2025 pertaining to testing of your submitted sample.

इसके अलावा, आपसे अनुरोध है कि कृपया इसके साथ संलग्न ग्राहक फीडबैक फॉर्म भरें और वापस भेजें।  
You are requested to kindly fill-in and send back the Customer Feedback Form enclosed herewith.

Thanking you,

With regards,

  
Authorized Signatory

Encl: As above

सिपेट : स्कूल फार एडवांस्ड  
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TC-12285



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## TEST REPORT

Issued to :

M/s. Zion UPVC windows and doors,  
Kammasandra Road,  
Bangalore -560100

Page 01 of 02

ULR-TC122852500000327F

Test Report No: 250231 (A)

Date: 25.07.2025

Ref.: Your Email Dtd 18.07.2025

### PART A: PARTICULARS OF SAMPLE SUBMITTED

|                                            |   |                                                            |
|--------------------------------------------|---|------------------------------------------------------------|
| Nature of Sample                           | : | "UPVC Profiles" as received from the party.                |
| Grade / Variety / type / Size / Class etc. | : | "UPVC Profile" as mentioned in the sample submission form. |
| Brand name, if any                         | : | ----                                                       |
| Declared values, if any                    | : | ----                                                       |
| Code No.                                   | : | ----                                                       |
| Batch No. and date of manufacture          | : | ----                                                       |
| Quantity                                   | : | 06 nos                                                     |
| Mode of Packing                            | : | Packed                                                     |
| Date of receipt of sample                  | : | 22.07.2025                                                 |
| Date (s) of Performance of test            | : | 22.07.2025 – 25.07.2025                                    |
| Sealed or not                              | : | Sealed                                                     |
| 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                   |

*Signature*  
25.07.2025

*Signature*  
25.07.2025

सिपेट : स्कूल फार एडवांस्ड  
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TC-12285



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Page 02 of 02

ULR-TC122852500000327F

Test Report No: 250231 (A)

Date: 25.07.2025

Ref.: Your Email Dtd 18.07.2025

### TEST REPORT

#### PART C : TEST RESULTS

| Sl. No | Name of the test                                                   | Test Method | Unit | Result Obtained |
|--------|--------------------------------------------------------------------|-------------|------|-----------------|
|        | Sample: "UPVC Profile" as mentioned in the sample submission form. |             |      |                 |
| 1      | Density @ 23°C                                                     | ASTM D 792  | g/cc | 1.57            |

#### PART D : REMARKS -

- Statement of conformity : NA
- Opinion & Interpretation : NA

#### NB:

- The results stated above related only to the items tested.
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- This report, in full or part, shall not be reproduced, published, advertised, used for any legal action, unless prior permission has been secured.
- 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
- The location of testing is CIPET:SARP-APDDRL, Bengaluru for non-subcontracted samples.

Reviewed By  
Dr. V H Sangeetha  
Scientist

---End of Report---

Authorized By  
Dr. Manoranjan Biswal  
Sr. Scientist

सिपेट : स्कूल फार एडवांस्ड  
रिसर्च इन पेट्रोकेमिकल्स (एस. ए. आर. पी)  
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प्लॉट नंबर : ७ पि, हार्ट टेक रक्ष और एयरोस्पेस पार्क  
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ई-मेल : apddrl@cipet.gov.in  
मुख्यालय : सिपेट, गिंडी, चेन्नै - 600032



सिपेट CIPET



TEST REPORT

**CIPET : SCHOOL FOR ADVANCED  
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(IT Sector), Jala Hobli, Bengaluru - 562 149  
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**Head Office : CIPET, Guindy, Chennai - 600032**

**Issued to :**

**M/s. Zion UPVC windows and doors,  
Kammasandra Road,  
Bangalore -560100**

**Page 01 of 02**

**Test Report No: 250231 (B)**

**Date: 25.07.2025**

**Ref.: Your Email Dtd 18.07.2025**

**PART A: PARTICULARS OF SAMPLE SUBMITTED**

|                                            |   |                                                            |
|--------------------------------------------|---|------------------------------------------------------------|
| Nature of Sample                           | : | "UPVC Profiles" as received from the party.                |
| Grade / Variety / type / Size / Class etc. | : | "UPVC Profile" as mentioned in the sample submission form. |
| Brand name, if any                         | : | ----                                                       |
| Declared values, if any                    | : | ----                                                       |
| Code No.                                   | : | ----                                                       |
| Batch No. and date of manufacture          | : | ----                                                       |
| Quantity                                   | : | 06 nos                                                     |
| Mode of Packing                            | : | Packed                                                     |
| Date of receipt of sample                  | : | 22.07.2025                                                 |
| Date (s) of Performance of test            | : | 22.07.2025 – 25.07.2025                                    |
| Sealed or not                              | : | Sealed                                                     |
| 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                   |

*Handwritten signature*  
25.07.2025

*Handwritten signature*  
25.07.2025

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

Centres : Ahmedabad, Amritsar, Aurangabad, Agartala, Baddi, Balasore, Bengaluru, Bhopal, Bhubaneswar, Chandrapur, Chennai, Dehradun, Gurugram, Guwahati, Gwalior, Hyderabad, Hajipur, Haldia, Imphal, Jaipur, Kochi, Korba, Lucknow, Madurai, Murthal, Mysuru, Raipur, Ranchi, Valsad & Vijayawada.

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Page 02 of 02

Test Report No: 250231 (B)

Date: 25.07.2025

Ref.: Your Email Dtd 18.07.2025

**TEST REPORT**

**PART C : TEST RESULTS**

| Sl. No | Name of the test                                                                     | Test Method | Unit | Specified Requirement                                                             | Result Obtained |
|--------|--------------------------------------------------------------------------------------|-------------|------|-----------------------------------------------------------------------------------|-----------------|
|        | <b>Sample: "UPVC Profile"</b> as mentioned in the sample submission form.            |             |      |                                                                                   |                 |
| 1      | Resistance to Impact of Profile by Falling mass @-10°C/1hr (1000mm Height, 1kg load) | EN 12608    | No   | No more than one test Specimen shall rupture in the tested external sight surface | 01              |
| 2      | Vicat Softening Temperature @ 5kg load                                               | EN 12608    | °C   | ≥ 75                                                                              | 76.2            |

**PART D : REMARKS –**

- Statement of conformity : NA
- Opinion & Interpretation : NA

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- Tested Sample will be disposed off after 90 days from the date of test.
- Details of test subcontracted: Nil
- The location of testing is CIPET:SARP-APDDRL, Bengaluru for non-subcontracted samples.

**Reviewed By**  
**Dr. V H Sangeetha**  
**Scientist**

---End of Report---

**Authorized By**  
**Dr. Manoranjan Biswal**  
**Sr. Scientist**

केन्द्र : अहमदाबाद, अमृतसर, औरंगाबाद, अगरतला, बद्दी, बालासोर, बेंगलूरु, 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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