



भारत सरकार Government of India  
राष्ट्रीय परीक्षण शाला (द.क्षे.)  
National Test House (SR), Chennai  
तारामणी, चेन्नई, तमिलनाडु - 600113  
Tharamani, Chennai - 600113, Tamilnadu



PART A. PARTICULARS OF SAMPLE SUBMITTED

COMPLETE TEST CERTIFICATE

भाग 'अ' जमा किये गये नमूने का विवरण

परीक्षण प्रमाणपत्र सं/Test Certificate No:  
NTH(SR)/RPPT/24/6021\_1

एस.आर.एफ. संख्या/SRF Number:  
NTH(SR)/RPPT/24/6021

जारी होने की तिथि/Date of issue  
30 Dec, 2024

कोड सं/QR Code  
: NTH240062513

a) जिसे जारी करना है/Issued To	:	SIMTA CLEAR COATS PRIVATE LIMITED
b) पता/Address	:	NO.4/56 Somanur Road,MG.Pudur, Sular, Coimbatore-641 406., sular, Coimbatore, Tamil Nadu, India - 641402
c) ग्राहक का संदर्भ सं एवं दिनांक/Customer's Ref. No.	:	TR/SR/24/2941 - 11 Jul, 2024
d) नमूना मुहरबंद स्थिति/Sample Sealed Status	:	Not Applicable
e) परीक्षण सामग्री का विवरण/Description of Test item	:	UPVC WINDOW AND DOOR PROFILES
f) नामपद्धति का विवरण/Description of Nomenclature	:	SIMTA ASTRIX
g) नमूने की विशिष्टता (यदि हो)/Product Specification(if any)	:	Cust Spfn UPVC Window Profile - UPVC Window Profile
h) नमूना प्राप्ति की तिथि /Date of Receipt of the Test item	:	12 Nov, 2024
i) कार्य निष्पादन की तिथि/Date(s)of Performance of Tests	:	From: 04 Dec, 2024 To: 30 Dec, 2024
j) परिमाण/Quantity	:	8.0 nos
k) कोई अन्य सूचना / अंतिम तिथि, यदि हो/Any other Information / Expiry Date, If any	:	Relevant standard methods
l) अनुभाग कोड/Section Code	:	24EL2157N (Pages:3), 24RP1592N (Pages:3)
m) अनुभव प्रमाणपत्र संख्या/Section Certificate No.	:	24EL2157N_1, 24RP1592N_1
n) प्रमाणपत्र का प्रकार/Certificate Type	:	New
o) संदर्भ प्रमाणपत्र संख्या/Reference Certificate No.	:	
p) टिप्पणी/Remarks	:	Test Report Uploaded.

Antu C D  
OIC SAMPLE CELL  
Signed on: 30 Dec, 2024 17:09 PM

1. This Test / Calibration Certificate shall not be reproduced except in full, unless permission for the reproduction of an approved abstract has been obtained from the Director, National Test House (SR), Chennai. 2. This Test / Calibration Certificate relates only to the sample/ items submitted.  
Signature Not Verified  
antucd@nth.gov.in-  
(SampleCell)

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Section Certificate No. : 24RP1592N\_1

Cust Spfn UPVC Window Profile

PART B. SUPPLEMENTARY INFORMATION

1.	नमूना लेने की प्रक्रिया का संदर्भ, जहां लागू हो। Reference to sampling procedure, wherever applicable.	Not Applicable
2.	परीक्षण रिपोर्ट से संबंधित मापन एवं परिमाण प्रसि हेतु सहायक प्रलेख जैसे ग्राफ, तालिका, चित्र और / अथवा फोटोग्राफ, यदि कोई हो। Supporting documents for the measurements taken and results derived like graphs, table sketches and or photographs as appropriate to test certificate, if any.	Not Applicable
3.	सम्बद्ध मानक / कार्य निर्देशों में निर्धारित परीक्षण पद्धति से विचलन, यदि कोई हो। Deviation from the test methods as prescribed in relevant ISS/ Work instruction, if any.	Not Applicable
4.	परीक्षण सामग्री की पहचान/identification of Test item	Received 08nos cut pieces white colour Samples of plastic profile said to be as UPVC Profile bearing preprinting on it as "Simta Astrix etc" and having intact pasted preprinted Sticker on surface throughout bearing "Simta Astrix, simta clear coats pvt. Ltd., Coimbatore, UPVC Profiles, etc".
5.	व्यावृत्त की प्राणाली की पहचान/Method(s) used for Test	Relevant standard methods as per firms requirement request, mentioned with tests.
6.	नमूना प्रक्रिया जहां प्रासंगिक हो/Sampling Procedure where relevant	NA
7.	पर्यावरण की स्थिति/Environmental Conditions	As per standard
8.	उपयोग किए जाने वाले प्रमुख मानक/उपकरण/Major Standards/Equipments used	-
9.	कैलिब्रेशन स्थल/Site of Calibration	NA
10.	मापन का पता लगाने की क्षमता/Traceability of Measurement	NA

**Mahesh Madhukar Pabalkar**  
**OIC Testing/Calibration RPPT**  
(Reviewed & Approved by)  
Signed on: 04 Dec, 2024 14:28 PM

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Signature Not Verified  
mm.pabalkar@nic.in-  
(OIC  
Testing/Calibration)





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Section Report No. : 24RP1592N\_1

Cust Spfn UPVC Window Profile

PART C. TEST RESULT

S.No.	Clause No Table No. Sl. No	Parameter - Method of test	Test Description	Min Limit	Max Limit	Unit	Result/ Observation
1	15	Ash Content Test	Firms Specification Requirements	-	-	-	19.8 % (Test Method: On the lines of ASTM D 5630- 13, at 900 Degree C for 30 min.)
2	12	Heat Ageing Test	Firms Specification Requirements	-	-	-	No visual defects observed. (Test Method: On the lines of EN 12608- 1: 2016 read with EN 478: 2018, Visual, at 150 Degree C for 30 min.)
3	9	Tensile Strength and Elongation Before Ageing	Relevant standard	-	-	-	a) Tensile Strength at Yield= 38.5 MPa, b) Elongation at Break= 20.4 % (Test Method: On the lines of IS 13360 (Part-5/Sec-2): 2017, Test Speed: 50 mm/min.)
4	6	Water Absorption at Ambient Temperature	Relevant standard	-	-	-	0.05 % (Test Method: On the lines of ASTM D 570- 98, 24 hrs. Immersion Test)
5	5	Vicat Softening Temperature	Relevant standard	-	-	-	Average= 78 Degree C (Test Method: On the lines of ASTM D 1525- 09, Load: 50 N)
6	4	Impact Strength Izod	Relevant standard	-	-	-	30.3 KJ/Sq. m. (Test Method: On the lines of ASTM D 256- 10, Unnotched, Flatwise)
7	2	Density / Specific Gravity	Relevant Standard	-	-	-	Density= 1.50 g/cc (Test Method: On the lines of ASTM D 792- 13)

Amit Sengupta  
Lab Sc. Testing/Calibration RPPT

Mahesh Madhukar Pabalkar  
OIC Testing/Calibration RPPT  
(Reviewed & Approved by)  
Signed on: 04 Dec, 2024 14:28 PM

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**Part D.**

REMARKS

NA

Notes

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**Mahesh Madhukar Pabalkar**  
**OIC Testing/Calibration RPPT**  
(Reviewed & Approved by)  
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Section Certificate No. : 24EL2157N\_1

Cust Spfn UPVC Window Profile

PART B. SUPPLEMENTARY INFORMATION

1.	नमूना लेने की प्रक्रिया का संदर्भ, जहां लागू हो। Reference to sampling procedure, wherever applicable.	Not Applicable
2.	परीक्षण रिपोर्ट से संबंधित मापन एवं परिमाण प्रसि हेतु सहायक प्रलेख जैसे ग्राफ, तालिका, चित्र और / अथवा फोटोग्राफ, यदि कोई हो। Supporting documents for the measurements taken and results derived like graphs, table sketches and or photographs as appropriate to test certificate, if any.	Not Applicable
3.	सम्बद्ध मानक / कार्य निर्देशों में निर्धारित परीक्षण पद्धति से विचलन, यदि कोई हो। Deviation from the test methods as prescribed in relevant ISS/Work instruction, if any.	Not Applicable
4.	परीक्षण सामग्री की पहचान/identification of Test item	" SIMTA ASTRIX" uPVC WINOWS & DOOR Profiles
5.	व्यावर्त की प्राणाली की पहचान/Method(s) used for Test	Generally on the lines of ASTM D2863-13
6.	नमूना प्रक्रिया जहां प्रासंगिक हो/Sampling Procedure where relevant	Not applicable
7.	पर्यावरण की स्थिति/Environmental Conditions	The average ambient conditions of the laboratory during the above test were as follows Room temperature, deg C : $27 \pm 2$ Relative humidity, % : 65 to 70
8.	उपयोग किए जाने वाले प्रमुख मानक/उपकरण/Major Standards/Equipments used	As per specification
9.	कैलिब्रेशन स्थल/Site of Calibration	Not applicable
10.	मापन का पता लगाने की क्षमता/Traceability of Measurement	Not applicable

JEYARAJ K  
OIC Testing/Calibration Electrical (Testing/Calibration)  
(Reviewed & Approved by)  
Signed on: 30 Dec, 2024 15:54 PM

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jeyaraj@nth.gov.in-  
(OIC  
Testing/Calibration)





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PART C. TEST RESULT

S.No.	Clause No Table No. Sl. No	Parameter - Method of test	Test Description	Min Limit	Max Limit	Unit	Result/ Observation
1	21	Limiting Oxygen Index Test	Relevant Standard or ASTM D	-	-	-	Test carried out generally on the lines as ASTM D2863-13. Observed limiting Oxygen index: 37.1 %

SIVAGURU VARADARAJAN  
Lab Sc. Testing/Calibration Electrical (Testing/Calibration)

JEYARAJ K  
OIC Testing/Calibration Electrical (Testing/Calibration)  
(Reviewed & Approved by)  
Signed on: 30 Dec, 2024 15:54 PM

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**Part D.**

**REMARKS**

Results provided against the test carried out.

**Notes**

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**JEYARAJ K**  
**OIC Testing/Calibration Electrical (Testing/Calibration)**  
(Reviewed & Approved by)  
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