



भारत सरकार Government of India
राष्ट्रीय परीक्षण शाला (द.क्षे.)
NATIONAL TEST HOUSE (SR)

तरमणी, चेन्नई - 600 113. Taramani, Chennai - 600 113.
Phone : 22432374, 22431157 Fax : 22433158 email : nthsr.tn@nic.in

000978

परीक्षण प्रमाण पत्र
TEST CERTIFICATE

INTERIM/FINAL REPORT

परीक्षण प्रमाण पत्र सं. Test Certificate No	Date of Issue	Code No.	पृष्ठ Page	पृष्ठों की संख्याधि No of Pages
NTH(SR)/RPPT/2021/M03/02	27.04.2021	1616497454121	1	2

जिसे जारी करना है
Issued To

PlastOne UPVC Profiles Pvt.Ltd.

पता
Address

10-3-162,3rd Floor, NCL Pearl,Near Rail Nilayam
SD Road,Secundrabad
Telengana-500026.

ग्राहक का सन्दर्भ सं एवं दिनांक
Customer's Ref. No.

WO/2020-21/048

Date: 22.02.2021

पंजिका सं एवं दिनांक
Register No & Date

02/M03/NTH(SR)/RPPT/2021

परीक्षण सामग्री का विवरण
Description of Test Item

UPVC Profile.

परीक्षण सामग्री का पहचान
Identification of Test Item

UPVC Profiles

नमूना का विशिष्टि (यदि हो)
Product Specification (If any)

Nil.

नमूना प्राप्ति की तिथि
Date of Receipt of the Test Item

11.03.2021

Tested by

Vipin.V

SO (RPT)

Checked by

C.M. Saly

Scientist-C (RPT)

Approved by

C.M.Saly

Scientist-C (RPT)



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1616497454121

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कार्य सम्पादन की तिथि

From: 23.03.2021

To: 27.04.2021

Date(s) of Performance of Tests

ब्यावहृत प्रणाली का पहचान
Method(s) used for Test

Test methods as mentioned against the tests in annexure sheet.

नमूना प्रक्रिया जहाँ प्रासंगिक हों

NA

Sampling Procedure where relevant

Sl. No.	Test Name	Test Result	Limit
1	Tests	Please see the Annexure	NA

टिप्पणी
Note

Welding Strength could not be conducted as no welded joint was present in the sample.


कैफियत
Remarks

Nil.


Tested by


Vipin.V
SO (RPT)

Checked by


C.M. Saly
Scientist-C (RPT)

Approved by


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Scientist-C (RPT)



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Annexure

One sample described as "UPVC Profile" was tested for the following test parameters, as per the test methods mentioned against the tests. The results are noted below:

S No.	Tests	Test Results
1	Heat Ageing @ 150°C± 2°C for 30 min., Visual Observation	No defects, cracks, surface peel off and delamination observed visually.
2	Izod Impact Strength. kJ/m ² (Test Method - ASTM D 256:78)	58
3	Vicat Softening Temperature, °C (Test Method- IS 13360 Part 6 Section 1: 1999)	80
4	Limiting Oxygen Index (Percentage of O ₂) (Test Method - ASTM D 2863)	44
5	Water Absorption, percent (Test Method - ASTM D 570:98)	0.05
6	Compression strength, Kgf (Test Method – On the lines of IS14930-P1:2001) (Applied compression force to 20cm sample at 50mm/min speed. Compression Plate Diameter- 80cm)	302
7	Tensile strength, MPa (Test Method - ASTM D 638:14)	38
8	Elongation at Break, percent (Test Method - ASTM D 638:14)	92
9	Density, g/cm ³ (Test Method - ASTM D 792:13)	1.53
10	Charpy Impact Strength. kJ/m ² (Test Method - ASTM D 256:78)	71
11	Resistance to Weathering Impact Strength after Weathering. (Method of Weathering- ASTM G154-12 Test Method- IS 12235 (Part-9) :2004) Falling mass-1000g Falling Height- 1500mm	No Fracture or Crack observed

Tested By	Checked By	Approved By
Vipin.V SO(RPT)	C.M.Saly Scientist -C (RPT)	C.M.Saly Scientist -C (RPT)