

को जारी /  
Issued to :

**परीक्षण रिपोर्ट / TEST REPORT**

क्र.सं / SI. No. **27973**

**M.M. BUILDTECH SOLUTIONS**

**R.S No 14/6A, Pandy Tindivanam Road,  
Acharampattu Village, Thiruchitrambalam Post,  
Vanur Taluk, Villupuram - 605 111.**

रिपोर्ट सं / REPORT NO. : **66712**

दिनांक / Date : **08-10-2021**

Pages.....Nos. Part A,B,C & D

संदर्भ / Customer Let. Ref : --

परीक्षण मानक स्तर के अनुसार परीक्षण रिपोर्ट / TEST REPORT AS PER TEST STANDARD : Refer Part C

**भाग - क / PART - A**

**प्रस्तुत सैपिल का विवरण / PARTICULARS OF SAMPLE SUBMITTED**

- अ) सैपिल का नाम / a) Name of the Sample : UPVC Profile - as stated by the party
- आ) सैपिल प्राप्त होने की तारीख / b) Date of Receipt of sample : 09-09-2021
- इ) ग्रेड/प्रकार/आकार/वर्ग / c) Grade / variety / type / size / class : Nil
- ई) घोषित मूल्य / d) Declared value, If any : Nil
- ठ) कोड सं. / e) Code No. : Nil
- ड) बैच सं. एवं निर्माण तारीख / f) Batch No. and Date of Manufacture: Nil
- झ) मात्रा / g) Quantity : 1 mtr. X 8 nos.
- ए) पैकिंग की रीति / h) Mode of Packing : carton packing
- ऐ) मोहर बंद या नहीं / i) Sealed or not : Sealed
- ओ) कोई अन्य सूचना / j) Any other information : Brand: M Square - as stated by the party

**भाग - ख / PART - B**

21090906

**अनुपूरक सूचनाएँ / SUPPLEMENTARY INFORMATIONS**

- अ) सैपिलिंग कार्यवाहियों हेतु संदर्भ / a) Reference to sampling procedure : Sampling not done by this lab
- आ) माप करने हेतु लिए गए सहायक दस्तावेज एवं प्राप्त परिणाम  
ब) Supporting documents for the measurement taken and result derived : As given in Part C
- इ) संबंधित कार्य अनुदेशों में निर्धारित के अनुसार परीक्षण रीति से कोई परिवर्तन  
c) Deviation from the test method as prescribed in relevant work instructions, if any : No deviation from the standard

## परीक्षण रिपोर्ट / TEST REPORT

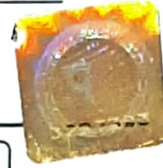
रिपोर्ट सं / REPORT NO. : 66712

08-10-2021

क्र.सं / Sl. No.

27973

दिनांक / Date :



Test Duration: 13-09-2021 To 08-10-2021

भाग - ग / PART - C

## परीक्षण परिणाम / TEST RESULTS

S.no.	Test Name	Test Method / Standard	Unit	Test Value Obtained
1	Ageing Test 150°C/24 hours - Change in length	EN 12608	%	5.05
2	Tensile strength Test Speed: 50mm/min Before Ageing After Ageing	ASTM D 638	MPa	40.7 38.3
3	Tensile Modulus	ASTM D 638	MPa	3506
4	Shore D Hardness	ASTM D 2240	-	76.0
5	Vicat softening temperature at 5kg load	ASTM D 1525	°C	81.4
6	Charpy Impact Strength (Notched)	ASTM D 6110	kJ/m <sup>2</sup>	59.7
7	Water absorption for 24 hours	ASTM D 570	%	0.003
8	Heat reversion	EN 12608 Cl.5.5.1	%	3.37
9	Limiting Oxygen Index	ASTM D 2863	%	46.5
10	Wall thickness sight surface	EN 12608 Cl.5.3	mm	2.34
11	Wall thickness on non sight surface	EN 12608 Cl.5.3	mm	2.13
12	Resistance to impact at (-)10°C / 1000gms, 1500 mm height	EN 12608 Cl.5.6	-	No failure was observed
13	Visual observation After ageing	EN 12608 Cl.5.7	-	No defects, cracks, peel off and delamination was observed.
14	Colour measurement L a b	ASTM D 2244-16	-	90.05 -1.33 0.60
15	Thermal conductivity at 55°C mean temperature	ASTM E 1530	W/mK	0.154
16	Resistance to HCL	-	-	No discolouration, No delamination was observed visually.

Part-D

REMARKS

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 Quality of the subsequent production lot has to be ensured by the purchaser.
4. This report, in full or part, shall not be reproduced, published, advertised, used for any legal action, Unless prior permission has been secured.
5. Selection of samples for individual test has been done in accordance with respective clauses of IS.
6. Details of test sub-contracted: Nil

\*\*\*End Of Report\*\*\*

2 of