



Maeon
Laboratories

**NABL
ACCREDITED
LABORATORY**

Laboratory Complying
To ISO/IEC 17025
Laboratory
Management System

Maeon Laboratories

14, Lakshmikanthammal 1st Street, Rajiv Nagar, Vanagaram, Chennai 600077.

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testing@maeonlabs.com



TC-6572

Test Report

ULR - TC657222000005576F

**Issued to : M/s Lotus Roofings Limited.,
C - 45, Thiru Vi Ka Industrial Estate,
SIDCO Industrial Estate, Guindy,
Chennai - 600032.**

Test Report No : MAEON/1122/73
Date : 03-11-2022

Contact Person: Mr. K.Kalaichelvan

Page 1 of 1

Name of the sample	Polycarbonate UV Coated Sheet		
Batch No	NA	Date of Receipt	19-10-2022
Type	Sheet	Test Start Date	31-10-2022
Quantity	5 Nos	Date of Completion	02-11-2022
Discipline	Mechanical Testing	Group	Plastics & Plastics Products

Environmental Condition : 23±2°C, 50±5% R.H

Test Condition :

1. Test Speed Tensile : 5mm/min

S.No	Test Parameter	Unit	Test Method	Test Result
1	Thickness	mm	-	8.157
2	Tensile Strength	N/mm ²	ASTM D638: 2014	61.97
3	Modulus of Elasticity	N/mm ²		2309.40
4	Yellowness Index	-	ASTM E313: 2020	-9.09

- Note: 1. Test samples are received in good condition.
2. Test Method: As agreed with the customer.
3. This report shall not be reproduced except in full without the approval of the testing laboratory.
4. This test report is only for the sample tested as supplied by the customer.

Verified by :

K.S. Sabaris
Manager Testing

Work Order : 9995



Authorised by

D.Sekar, LAB CHIEF
MAEON Laboratories

*****End of Report*****



Maeon
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Test Report

**Issued to : M/s Lotus Roofings Limited.,
C - 45, Thiru Vi Ka Industrial Estate,
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Chennai - 600032.**

Test Report No : MAEON/1122/74

Date : 03-11-2022

Contact Person: Mr. K.Kalaichelvan

Page 1 of 1

Name of the sample	Polycarbonate UV Coated Sheet		
Batch No	NA	Date of Receipt	19-10-2022
Type	Sheet	Test Start Date	01-11-2022
Quantity	5 Nos	Date of Completion	01-11-2022

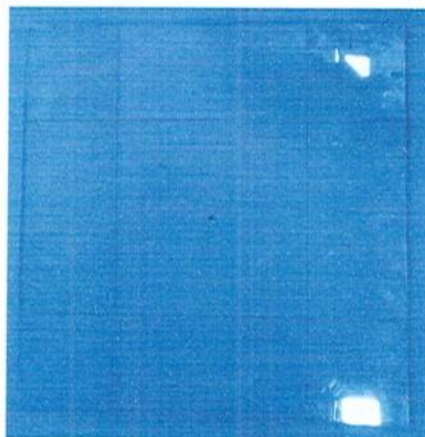
Environmental Condition : 23±2°C, 50±5% R.H

Test Method : EN 1794-1 : 2003 Annex C

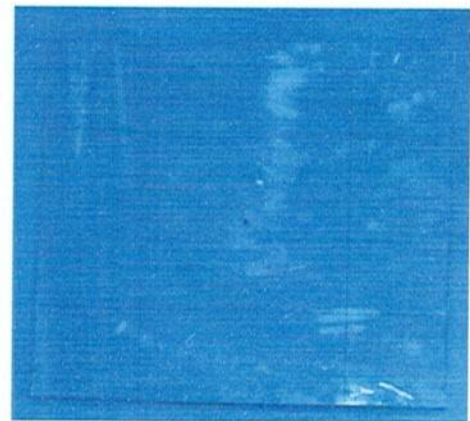
1. The test area on the specimen is marked 125mm from the margin.
2. Impact energy of hammer is 30Nm
3. Weight dropped on specimen at three points near center, near one corner and other point chosen random
4. Visual inspection done after drop.

Test Parameter	Specification	Results
Stone Impact Test	No defects such as damage to outer parts and internal elements	Observed no defects such as damage to outer parts and internal elements.

Initial :



Final :




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Verified by :


K.S. Sabaris
Manager Testing
Work Order : 9995



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*****End of Report*****