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## Results

**Product** : POLYCARBONATE SHEET  
**Brand** : MARKLON POLYGLASS  
**Model** : MK55 Clear NU (5 mm)  
**Description** : POLYCARBONATE SOLID SHEET

NO.	TEST	RESULT	TEST METHOD
1	Izod Impact Strength - Notched	(107.4 ± 0.8*) J/m	ASTM D256  Test parameters: <ul style="list-style-type: none"> <li>• Pendulum: 2.75 Joule</li> <li>• Velocity: 3.46 m/s</li> <li>• No. of specimens tested: 15 pieces</li> </ul> Test date: 13 May 2024
2	Tensile Strength	(61.1 ± 1.6*) MPa	ASTM D638  Test parameters: <ul style="list-style-type: none"> <li>• Test speed: 5 mm/minute</li> <li>• Gauge length: 50 mm</li> <li>• No. of specimens tested: 5 pieces</li> </ul> Test date: 11 May 2024
3	Tensile Modulus**	2,360 MPa	
4	Elongation at Break**	20.2 %	
5	Flexural Strength	(83.7 ± 4.4*) MPa	ASTM D790  Test parameters: <ul style="list-style-type: none"> <li>• Test speed: 2 mm/minute</li> <li>• Support span: 75.2 mm</li> <li>• No. of specimens tested: 5 pieces</li> </ul> Test date: 11 May 2024

### Notes:

- \*Denotes measurement uncertainty
- The reported uncertainty is calculated using a coverage factor k=2, which gives a level of confidence of approximately 95%
- \*\*Not SAMM Accredited

