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Results

Product : POLYCARBONATE SHEET
Brand : MARKLON POLYGLASS
Model : MK95 Clear Plane (6 MM)
Description : POLYCARBONATE SOLID SHEET

NO.	TEST	RESULT	TEST METHOD
8	Flexural Strength	(97.6 ± 1.4*) MPa	ASTM D790 Test parameters: <ul style="list-style-type: none"> • Test speed: 2.47 mm/minute • Span length: 93 mm • No. of specimens tested: 5 pieces Test date: 19 May 2022
9	Hardness - Shore D	(84.4 ± 0.3*)	ASTM D2240 Test parameters: <ul style="list-style-type: none"> • Time interval: 1 second • Total specimen thickness: 11.7 mm • Number of layers: 2 • Temperature: 23.7°C • Relative humidity: 57% Test date: 17 May 2022
10	Light Transmission**	83 %	ASTM D1003 Using colour spectrophotometer Test date: 18 May 2022

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

