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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
4	Tensile Strength	(65.3 ± 1.2*) MPa	ASTM D638 Test parameters: <ul style="list-style-type: none"> • Test speed: 50 mm/minute • Test speed for modulus: 1 mm/minute • Gauge length: 50 mm • No. of test specimens tested: 5 pieces Test date: 20 May 2022
5	Tensile Modulus**	3,010 MPa	
6	Elongation at Break**	84 %	
7	Water Absorption**	0.04 %	ASTM D570 Test parameters: <ul style="list-style-type: none"> • Temperature: 23°C • Duration: 24 hours Test date: 17 to 18 May 2022

Notes:

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

