

► Technical data

		ELYCOLD Only Mat				
Thickness (h) <sup>(1)</sup>	mm	1.15	1.60	2.00	2.50	3.00
Thickness (h) <sup>(1)</sup>	in	0.04528	0.06299	0.07874	0.09843	0.11811
Glass reinforcement <sup>(1)</sup>	lb/ft <sup>2</sup>	0.077	0.123	0.184	0.230	0.276
Density <sup>(1)</sup>	lb/ft <sup>3</sup>	87.40	87.40	90.52	90.52	90.52
Weight <sup>(1)</sup>	lb/ft <sup>2</sup>	0.338	0.461	0.614	0.748	0.881
Glass Content <sup>(1)</sup>	%	23	27	30	31	31
Hardness (UNI EN 59)	Barcol	40/45	40/45	40/45	40/45	40/45
Tensile Strength (UNI EN ISO 527 - 4/2/2)	Long. MPa	72	89	95	99	102
	Transv. MPa	65	80	86	89	92
Elastic Modulus (E) (UNI EN ISO 527 - 4/2/2)	Long. MPa	6900	7200	7500	7700	7800
	Transv. MPa	6100	6400	7100	7300	7400
Water Absorption <sup>(1)</sup>	%	≤ 1.0	≤ 1.0	≤ 1.0	≤ 1.0	≤ 1.0
Styrene Content <sup>(1)</sup>	%	≤ 1.0	≤ 1.0	≤ 1.0	≤ 1.0	≤ 1.0

<sup>(1)</sup> Company Method

		ELYCOLD Mat + Woven Roving		
Thickness (h) <sup>(1)</sup>	mm	1.50	2.00	2.70
Thickness (h) <sup>(1)</sup>	in	0.05906	0.07874	0.10630
Glass reinforcement <sup>(1)</sup>	lb/ft <sup>2</sup>	0.077/0.061	0.123/0.061	0.184/0.102
Density <sup>(1)</sup>	lb/ft <sup>3</sup>	91.14	90.52	93.64
Weight <sup>(1)</sup>	lb/ft <sup>2</sup>	0.451	0.573	0.819
Glass Content <sup>(1)</sup>	%	30	31	35
Hardness (UNI EN 59)	Barcol	40/45	40/45	40/45
Tensile Strength (UNI EN ISO 527 - 4/2/2)	Long. MPa	120	120	131
	Transv. MPa	111	111	121
Elastic Modulus (E) (UNI EN ISO 527 - 4/2/2)	Long. MPa	7900	8300	9600
	Transv. MPa	7500	7900	9200
Water Absorption <sup>(1)</sup>	%	≤ 1.0	≤ 1.0	≤ 1.0
Styrene Content <sup>(1)</sup>	%	≤ 1.0	≤ 1.0	≤ 1.0

<sup>(1)</sup> Company Method

