Technical data

		ELYCOLD Only Mat					ELYCOLD Mat + Woven Roving		
		Xlite			Lite		Xlite		Lite
Thickness (h) [1]	mm	1.60	2.00	2.50	3.00	4.00	2.00	2.50	3.20
Thickness (h) [1]	in	0.06299	0.07874	0.09843	0.11811	0.15748	0.07874	0.09843	0.12598
Glass reinforcement [1]	lb/ft²	0.092	0.138	0.184	0.230	0.276	0.102/0.061	0.138/0.061	0.184/0.102
Density [1]	lb/ft³	78.03	78.66	78.66	79.07	74.91	81.16	77.41	80.96
Weight [1]	lb/ft²	0.410	0.522	0.645	0.778	0.983	0.533	0.635	0.850
Glass Content [1]	%	23	26	29	30	28	31	31	35
Hardness (UNI EN 59)	Barcol	35/40	35/40	35/40	35/40	35/40	35/40	35/40	35/40
Tensile Strength (UNI EN ISO 527 - 4/2/2)	Long. MPa	67	79	86	89	84	100	100	111
	Transv. MPa	62	73	79	82	78	93	92	102
Elastic Modulus (E) (UNI EN ISO 527 - 4/2/2)	Long. MPa	4650	5400	5900	6100	5800	6900	7000	8100
	Transv. MPa	4400	5200	5600	5800	5500	6550	6600	7800
Water Absorption [1]	%	≤ 1.0	≤ 1.0	≤ 1.0	≤ 1.0	≤ 1.0	≤ 1.0	≤ 1.0	≤ 1.0
Styrene Content [1]	%	≤ 1.0	≤ 1.0	≤ 1.0	≤ 1.0	≤ 1.0	≤ 1.0	≤ 1.0	≤ 1.0