Technical data

		ELYPLAN NO GEL Only Roving				ELYPLAN GEL Only Roving			
Thickness (h) [1]	mm	0.80	1.00	1.50	2.00	1.00	1.50	2.00	2.50
Thickness (h) [1]	in	0.03150	0.03937	0.05906	0.07874	0.03937	0.05906	0.07874	0.09843
Density [1]	lb/ft³	86.25	87.50	87.50	87.50	50.52	50.88	50.52	50.52
Weight [1]	lb/ft²	0.225	0.287	0.430	0.573	0.287	0.430	0.573	0.717
Glass Content [1]	%	27	27	27	27	23	25	26	27
Hardness (UNI EN 59)	Barcol	40/45	40/45	40/45	40/45	40/45	40/45	40/45	40/45
Tensile Strength (UNI EN ISO 527 - 4/2/2)	Long. MPa	72	80	95	100	63	81	89	94
	Transv. MPa	66	70	88	90	55	75	80	85
Elastic Modulus (E) (UNI EN ISO 527 - 4/2/2)	Long. MPa	6770	7240	7560	7870	6210	6480	6750	7060
	Transv. MPa	5940	6400	6720	7450	5490	5760	6390	6750
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

[1] Company Method

		ELYPLAN NO GEL Woven Roving			ELYPLAN GEL Woven Roving			
Thickness (h) [1]	mm	1.50	2.00	2.50	1.30	1.50	2.00	2.50
Thickness (h) [1]	in	0.05906	0.07874	0.09850	0.05122	0.05906	0.07874	0.09843
Density [1]	lb/ft³	93.75	93.75	93.75	93.75	54.13	54.13	54.13
Weight [1]	lb/ft²	0.461	0.614	0.758	0.389	0.461	0.614	0.758
Glass Content [1]	%	36	33	32	33	33	32	31
Hardness (UNI EN 59)	Barcol	40/45	40/45	40/45	40/45	40/45	40/45	40/45
Tensile Strength (UNI EN ISO 527 - 4/2/2)	Long. MPa	130	128	125	110	113	114	114
	Transv. MPa	129	126	123	109	112	113	113
Elastic Modulus (E) (UNI EN ISO 527 - 4/2/2)	Long. MPa	8800	8800	8900	7300	7500	7950	8125
	Transv. MPa	8400	8700	8900	7100	7150	7550	7800
Water Absorption [1]	%	≤ 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