

## Technical Data Sheets of QY Series

Property	Units	QY1	QY2	QY3L	QY8	Test Method
Multi-Axial Impact	Kg.m	1.0	1.5	2.1	6.0	ASTM D3763
Tensile Strength (0/90)	MPa	185 / 170	185 / 125	170/210	na	ISO 527
Flexural Strength (0/90)	MPa	na	125 / 45	75 / 165	168 / 145	ASTM D790
Flexural Modulus (0/90)	MPa	na	4150 / 760	960 / 4900	7000 / 5340	ASTM D790
Tensile Elongation	%	8	7	—	2.5	ISO 527
CTE	10 <sup>-6</sup> /°C	18	18	18	18	—
Water Absorption	%	0.3	0.3	0.3	0.3	—
Thickness	mm	1.0	1.5	1.8	4.5	—
Weight	kg/m <sup>2</sup>	1.1	1.7	2.1	5.4	—
Width	mm	Max. 2700			Max. 1200	—
Length per roll	m	Max. 500	Max. 250		Max. 100	—