

	Data	Data	Data	Data	Data
Item	Fiberglass Reinforced PP	Fiberglass Reinforced PP	Fiberglass Reinforced PP	Fiberglass Reinforced PP	Fiberglass Reinforced PP
Fiberglass content	70%	60%	60%	60%	60%
Layer	4	4	4	4	10
Structure	0/90/90/0	Film+UD+Woven	Film+UD+Woven	Film+UD+Woven	0/90.../90/0
Surface thickness	1600gsm	1500gsm	1950gsm	2850gsm	5000gsm
Thickness	1.0mm	1.2mm	1.5mm	1.5mm	3.0mm
Tensile strength	420-480	220-280	260-320	350-400	400-600
Tensile modulus	15-17GPa	8-10GPa	10-12GPa	12-14GPa	13-15GPa
Elongation at break	3.50%	3.00%	2.50%	2.70%	3%
Bending strength	-	200-240MPa	200-240MPa	300-350MPa	450-490MPa
Flexural modulus	-	6-8GPa	6-8GPa	12-14GPa	13-15GPa
Impact strength	160KJ/m ²	80KJ/m ²	100KJ/m ²	160KJ/m ²	190KJ/m ²