

Technical Data Sheets of UD-TAPE

Property	Units	GPP50	GPP60	GPP65	Test Method(ASTM)
Glass Fiber Content	%	50	60	65	—
Polymer Matrix	-	PP	PP	PP	—
Density	g/cm ³	1.46	1.45	1.50	—
Thickness	mm	0.5	0.25	0.25	—
Weight Per Unit Area	g/m ²	610	340	360	—
Tensile Strength	MPa	600	750	715	ASTM D638-10
Tensile Modulus	GPa	13	15	15	ASTM D638-10
Tensile Elongation	%	2.4	2.4	5.3	ASTM D638-10
Heat Detetion Temperature	C	135	135	135	ASTM D3418
Water Absorption	%	0.2	0.2	0.2	ASTM D570