

	A-60	A-80	A-120	A-160
Carbon fiber	IMS65 24K		UTS50 24K	
Tape width	27 mm	22 mm	27 mm	20 mm
Tape weight	31 g/m <sup>2</sup>	40 g/m <sup>2</sup>	60 g/m <sup>2</sup>	80 g/m <sup>2</sup>
Wave pattern	plane			
Binder	Solid epoxy 7 g/m <sup>2</sup>		Solid epoxy 10 g/m <sup>2</sup>	
Weight	62 g/m <sup>2</sup>	80 g/m <sup>2</sup>	120 g/m <sup>2</sup>	160 g/m <sup>2</sup>

## Carbon fiber characteristics

		IMS65 24K	UTS50 24K
Filament diameter	[μm]	5	7
Density	[g/cm <sup>3</sup> ]	1.78	1.79
Tensile strength	[MPa]	6000	5000
Tensile modulus	[GPa]	290	245
Elongation at break	[%]	1.9	2.1