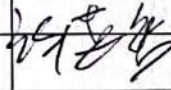


Zhangjiagang Weinuo Composite Materials Co., Ltd.

Certificate of Conformity

Product Name	12k 400g twill carbon fibre prepreg		
Batch Number	WN24100204		
Woven Fibre Parameters			
Warp Yarn Type	12k	Fiber Filament Count	12,000
Weft Yarn Type	12k		
Weight (g/m²)	400±1	Tensile Strength	4200-4600Mpa
Thickness (mm)	0.53	Tensile Modulus	235Gpa
Effective Width (mm)	1000	Elongation Rate	1.4-2.0%
Length (m)	100	Density	1.77g/cm³
Resin Parameters			
Resin Brand	Huibai 5601	Viscosity @ 70℃	16500-22500mPa.s
Specific Gravity (at 25℃)	1.16-1.21	Glass Transition Temperature	100℃
Curing Time (at 125℃)	90 min	Tensile Strength	10000psi
Shelf Life (at 25℃)	≤15 days	Flexural Strength	19000psi
Prepreg Parameters			
Fabric Structure	Twill	Resin Content (%)	43
Unit Area Mass (g/m²)	702	Front Packaging Material	Polyethylene Film
Thickness (mm)	0.50	Back Packaging Material	Release Paper
Storage Conditions			
Prepreg Storage Life		≤25℃ 1 month, ≤0℃ 3 months, ≤-18℃ 12 months	
Grade Determination		A	
Inspection Conclusion	Inspector	Inspection Seal	
			
	Inspector		

