

Zhangjiagang Weinuo Composite Materials Co., Ltd.

Certificate of Conformity

Product Name	35k 400g UD Carbon Fibre Prepreg		
Batch Number	WN24090473		
Woven Fibre Parameters			
Warp Yarn Type	35K	Fiber Filament Count	35,000
Weft Yarn Type	35K		
Weight (g/m ²)	400g±1	Tensile Strength	4200-4500Mpa
Thickness (mm)		Tensile Modulus	≥235Gpa
Effective Width (mm)	1000	Elongation Rate	1.4-2.0%
Length (m)	50	Density	1.77±0.03
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	UD	Resin Content (%)	40
Unit Area Mass (g/m ²)	667±10	Front Packaging Material	Polyethylene Film
Thickness (mm)	0.41	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	
Qualified	张亚伦		
	吴青霞		