

Zhangjiagang Weinuo Composite Materials Co., Ltd.

Certificate of Conformity

Product Name	12k 500g twill carbon fibre prepreg		
Batch Number	WN23040733		
Woven Fibre Parameters			
Warp Yarn Type	12K	Fiber Filament Count	12,000
Weft Yarn Type	12K	Yarn	GX400
Weight (g/m ²)	500±5	Tensile Strength	4200-4600MPa
Thickness (mm)	0.64	Tensile Modulus	≥235Gpa
Effective Width (mm)	1000	Elongation Rate	1.4-2.0%
Length (m)	50	Density	1.77±0.03g/cm ²
Resin Parameters			
Resin Brand	WP 5601	Viscosity @ 70℃	16,500-22,500Mpas
		Glass Transition Temperature	100℃
Curing Time (at 150℃)	30 min	Tensile Strength	73Mpa
Shelf Life (at 25℃)	≤15 days	Flexural Strength	124Mpa
Prepreg Parameters			
Fabric Structure	Twill	Resin Content (%)	36±2
Unit Area Mass (g/m ²)	781±12	Front Packaging Material	Polyethylene Film
Thickness (mm)	0.55±0.02	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	
合格	方永取		
	Inspector		
	陈芳伟		