

Zhangjiagang Weinuo Composite Materials Co., Ltd.

Certificate of Conformity

Product Name	3k 200g twill carbon fibre prepreg		
Batch Number	WN23071487(51)		
Woven Fibre Parameters			
Warp Yarn Type	3K	Fiber Filament Count	3,000
Weft Yarn Type	3K	Yarn	GX400
Weight (g/m ²)	200±1	Tensile Strength	4200-4500Mpa
Thickness (mm)	0.23	Tensile Modulus	235Gpa
Effective Width (mm)	1000	Elongation Rate	1.4-2.0%
Length (m)	100	Density	1.77±0.03g/cm ²
Resin Parameters			
Resin Brand	5100	Viscosity @ 70℃	17,500-23,500Mpas
		Glass Transition Temperature	126℃
Curing Time (at 150℃)	10 min	Tensile Strength	73Mpa
Shelf Life (at 25℃)	≤15 days	Flexural Strength	129Mpa
Prepreg Parameters			
Fabric Structure	Twill	Resin Content (%)	44±2
Unit Area Mass (g/m ²)	357±6	Front Packaging Material	Polyethylene Film
Thickness (mm)	0.28±0.01	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	冯志伟		
	Inspector		
	冯志伟		