

Zhangjiagang Weinuo Composite Materials Co., Ltd.

Certificate of Conformity

Product Name	24k (SY) UD 175g carbon fibre prepreg		
Batch Number	WN240111007(51)		
Woven Fibre Parameters			
Warp Yarn Type	24K	Fiber Filament Count	24,000
Weft Yarn Type	24K		
Weight (g/m²)	175	Tensile Strength	4200Mpa
		Tensile Modulus	230Gpa
Effective Width (mm)	1000	Elongation Rate	1.6%
Length (m)	100	Density	1.80g/cm²
Resin Parameters			
Resin Brand	Huibai 5100	Viscosity @ 70℃	13,500-23,500Mpas
		Glass Transition Temperature	126℃
Curing Time (at 150℃)	10 min	Tensile Strength	2854Mpa
Shelf Life (at 25℃)	≤15 days	Flexural Strength	129Mpa
Prepreg Parameters			
Fabric Structure	UD	Resin Content (%)	38
Unit Area Mass (g/m²)	282±1	Front Packaging Material	Polyethylene Film
Thickness (mm)	0.18	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	
	许亚伟		
	Inspector		
	李圣浩		

