

Zhangjiagang Weinuo Composite Materials Co., Ltd.

Certificate of Conformity

Product Name	15k 30g UD carbon fibre prepreg		
Batch Number	WN24122302		
Woven Fibre Parameters			
Warp Yarn Type	15K	Fiber Filament Count	15,000
Weft Yarn Type	15K	Yarn	Mitsubishi TR 50S15L
Weight (g/m ²)	30±1	Tensile Strength	4900Mpa
Thickness (mm)		Tensile Modulus	235Gpa
Effective Width (mm)	1000	Density	1.82g/cm ³
Length (m)	100		
Resin Parameters			
Resin Brand	Huibai 1312	Viscosity @ 70°C	11000-21000mPa.s
Curing Time (at 125°C)	90min	Glass Transition Temperature	115°C
Tensile Strength	83MPa	Flexural Strength	135MPa
Shelf Life (at 25°C)	≤15 days		
Prepreg Parameters			
Fabric Structure	UD	Resin Content (%)	42±2
Unit Area Mass (g/m ²)	52	Front Packaging Material	Polyethylene Film
Thickness (mm)	0.03	Back Packaging Material	Release Paper
Storage Conditions			
Prepreg Storage Life		≤25°C 1 month, ≤0°C 3 months, ≤-18°C12 months	
Grade Determination		A	
Inspection Conclusion	Inspector	Inspection Seal	
合格	许世锦		
	Inspector		
	方红		