

Zhangjiagang Weinuo Composite Materials Co., Ltd.

Certificate of Conformity

Product Name	24k 150g UD carbon fibre prepreg		
Batch Number	WN24100601		
Woven Fibre Parameters			
Warp Yarn Type	24K	Fiber Filament Count	24, 000
Weft Yarn Type	24K		
Weight (g/m ²)	150±1	Tensile Strength	4200Mpa
Thickness (mm)		Tensile Modulus	235Gpa
Effective Width (mm)	1000	Elongation Rate	2.0%
Length (m)	100	Density	1.77g/cm ³
Resin Parameters			
Resin Brand	Hulbal 1312	Viscosity @ 70℃	13000-23000mPa.s
Specific Gravity (at 25℃)	1.17	Glass Transition Temperature	114℃
Curing Time (at 125℃)	90 min	Tensile Strength	11000psi
Shelf Life (at 25℃)	≤15 days	Flexural Strength	20000psi
Prepreg Parameters			
Fabric Structure	UD	Resin Content (%)	33
Unit Area Mass (g/m ²)	224	Front Packaging Material	Polyethylene Film
Thickness (mm)	0.15±0.01	Back Packaging Material	Release Paper
Storage Conditions			
Prepreg Storage Life			
Grade Determination		A	
Inspection Conclusion	Inspector	Inspection Seal	
	许世福		
	Inspector		

