



Zhongfu Shenying Carbon Fiber Xining Co., Ltd.

Product quality certificate

ZFSYXN/ZGBG-WNFC-005

Product name	SYT45 12K Carbon Fiber	batch	138 axes				
batch number	XT8 20249-1	total weight	552kg				
Implementation standards	Q/630100 ZFSYXN 001—2023	product stage	P				
Test items	Testing standards	Scope of control	Test results				
Appearance	GB/T 26752-2020	Black, uniform luster, no obvious hair, no hair balls, no foreign matter, no sticking of fiber bundles	conform to				
Linear density (g/km)	GB/T 3362-2017	800±20	807				
Density(g/cm³)	GB/T 30019-2013	1.80±0.02	1.78				
Tensile strength/MPa	GB/T 3362-2017	≥4200	4741				
Tensile strength CV/%	GB/T 1446-2005	≤6	3				
Tensile elastic modulus/GPa	GB/T 3362-2017	220-260	240				
Elongation at break/%	GB/T 3362-2017	≥1.6	2.0				
Sizing agent content/%	GB/T 29761-2022	0.80-1.19	0.94				
Test conclusion		Special seal for testing					
qualified							
Main inspection	Inspector 02	review	Reviewer 01	approve	Approver 01	date	2024. 4. 2