

Shandong Guotai Dacheng Technology Co., Ltd.

Polyacrylonitrile-Based Carbon Fiber Product Quality Certificate

JL-AN-801-202400018

Product Name	Polyacrylonitrile-Based Carbon Fiber	Product Model	GT5012K
Batch No.	202403C01	Standard	Q/DC 116001-2024
Test Item	Testing Standard	Control Criteria	Test Result
Appearance	Q/DC 116001-2024	Grade A: Black, no significant color difference; no red-brown spots; no defects	
		Grade B: Black, slight color difference; minor flaws allowed	Grade B
		Grade N: Does not conform to the testing standard of Grade A and Grade B	
Linear Density (g/km)	GB/T 3362-2017	800±20	803
Tensile Strength (MPa)	GB/T 3362-2017	≥4900	5500
Tensile Strength CV%	GB/T 3362-2017	≤6	4
Elongation at Break (%)	GB/T 3362-2017	≥1.8	2.1
Tensile Modulus (GPa)	GB/T 3362-2017	≥240	253
Tensile Modulus CV%	GB/T 3362-2017	≤3	1
Density (g/cm³)	GB/T 30019-2013	1.81±0.02	1.81
Sizing Content (%)	GB/T 29761-2013	0.50-1.25	0.89

Inspection Conclusion:

Qualified

Inspector: Chan Shiyuan

Reviewer: Yin Junjun

Approver: Wang Na

Date: April 15, 2024

检验结论				质检专用章			
合格				山东大成科技有限公司 质检专用章			
主检	卢宝源	审核	尹君君	批准	王娜	日期	2024. 04. 15