

产品详情



PAN 基碳纤维

【特性】：低密度、高强度、高模量、抗化学腐蚀、低电阻、热导、高电导。

【应用】：（1）导弹、运载火箭、人造卫星、宇宙飞船、雷达、客机、直升机、军用机等航空航天领域；（2）文体休闲用品，如：高尔夫球杆、网球拍和钓鱼杆自行车等，及医疗器械；（3）风力发电叶片、新型储能电池、压缩天然气储罐、采油平台等一般工业领域；（4）制备电子仪器仪表、卫星天线、雷达等。

PAN基碳纤维						
碳纤维规格	丝束规格	线密度	拉伸强度	拉伸模量	断裂伸长率	单轴质量
		g/km	MPa	Gpa	%	Kg
LX300	24K	1600±30	≥3500	≥230	≥1.5	4
	50K	3200±50	≥3500	≥230	≥1.5	8
LX400	24K	1600±30	≥4410	≥230	≥1.5	4
	50K	3200±50	≥4410	≥230	≥1.5	8

Production information



PAN CF

【Characteristic】 : Low density, high strength, high modulus, chemical resistance, low resistance, thermal conductivity and high conductivity.

【Application】 : (1) Missile, launch vehicle, artificial satellite, spaceship, radar, airliner, helicopter, military aircraft and other aerospace fields ; (2) Sports and leisure products, such as golf clubs, tennis rackets, fishing poles, bicycles, etc., and medical equipment;

(3) Wind turbine blades, new energy storage batteries, compressed natural gas storage tanks, oil production platforms and other general industrial fields; (4) Manufacture of electronic instruments, satellite antennas, radars, etc.

PAN Carbon Fiber						
CF specification	Tow specification	Linear density	Tensile strength	Tensile modulus	Elongation at break	Uniaxial mass
		g/km	MPa	Gpa	%	Kg
LX300	24K	1600 ± 30	≥3500	≥230	≥1.5	4
	50K	3200 ± 50	≥3500	≥230	≥1.5	8
LX400	24K	1600 ± 30	≥4410	≥230	≥1.5	4
	50K	3200 ± 50	≥4410	≥230	≥1.5	8

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合作领域

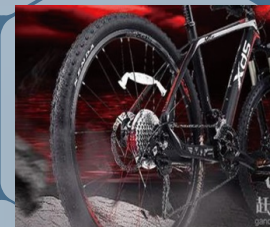
风电叶片



特种管筒



公共基础设施



医疗和工业设备

体育休闲产品

生活时尚用品

船舰、交通、汽车

Production information

Cooperation Field

Wind turbine blade



Medical and industrial equipment

Special tube



Sports leisure products

Public infrastructure



Lifestyle products

Ships, transportation, automobiles