

# Carbon NANOFIBER

# C

Purity  
**99.9%**

Stock no.  
**NS6130-01-121**  
CAS : **7440-44-0**

Carbon nanofibers (CNFs) are promising materials in many fields, such as photocatalytic, nanocomposites, energy devices, filtration, sensors, tissue engineering, and drug delivery. carbon nanofibers to develop the electrodes of the lithium-ion battery that is capable of performing four times the overall storage capacity of present lithium-ion batteries. CNFs have been widely utilized for the fabrication of supercapacitors due to their superior physical and chemical properties, such as large surface area, high conductivity, good temperature stability, and low cost.

## Technical Specification

Molecular Weight	Density	Melting Point	APS
12.01g/mol	2.1g/cm <sup>3</sup>	3652-3697°C	<100µm

## Application

- Environmental protection
- Military industry
- Textile
- Food and pharmaceutical
- Chemical industry
- Electronics technology
- Aviation and aerospace



**APS: <100µm**



ISO 9001:2015  
CERTIFIED COMPANY



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