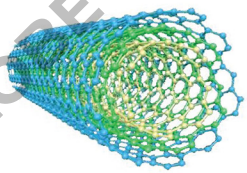
GG6001
Industrial Grade MWCNTs

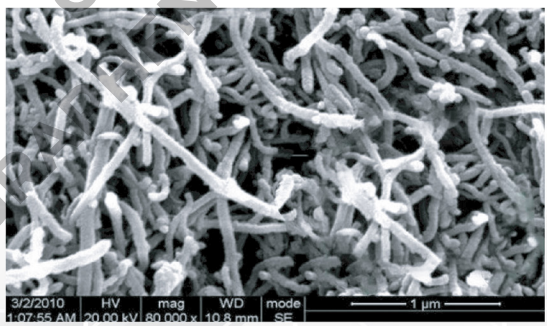
Product Name	Industrial Grade MWCNTs
Outer Diameter	>50 nm
Inner Diameter	5-15 nm
Tube length	10-20 μm
C content	95 wt%
Specific surface area	>60 m^2/g
Apparent density	0.19 g/cm^3
Tap density	~2.1 g/cm^3
Conductivity	>100 S/cm

Multiwalled carbon nanotubes in industrial grade (tube diameter: >50 um) that provided by XFNANO consist of multiple rolled layers (concentric tubes) of carbon atoms. MWCNTs made by CVD method are one-dimensional nano-materials with high strength, modulus and conductivity, flexibility, thermal conductivity, thermostability and corrosion resistance.

Product Features

- Loose black powder
- Especially applicable to conductive and toughening areas
- Dispersant and equipments assisted dispersion are recommended.





Application

Reinforcement of composites, improving strength, elasticity, fatigue resistance, isotropy, Lithium-battery anodes, energy conversion, hydrogen storage, supercapacitors, electromagnetic wave absorption and shielding, catalysts, sensors, optoelectronics.