

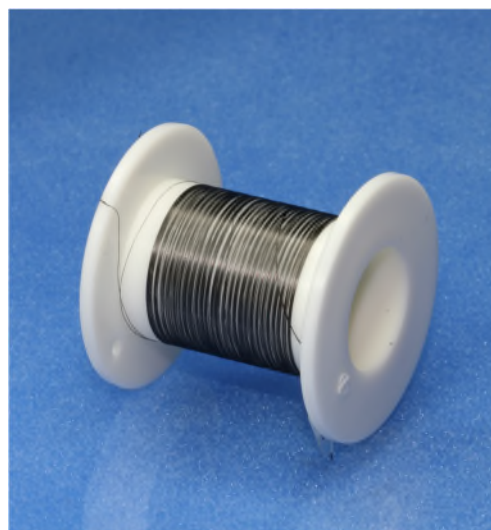
Multi-Walled Carbon Nanotube Yarn

◆ Features

Long continuous CNT spun yarn is fabricated from the dry-spinnable CNT forest. The CNTs are just connected with van der Waals forces, and no binder material is used. The CNT yarn is used as a base material for high electrical and thermal conductive fibers, lightweight and strong materials.

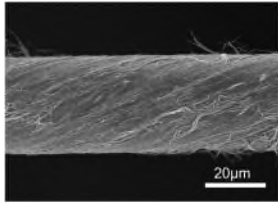
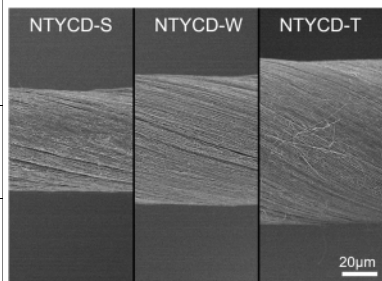
◆ Application

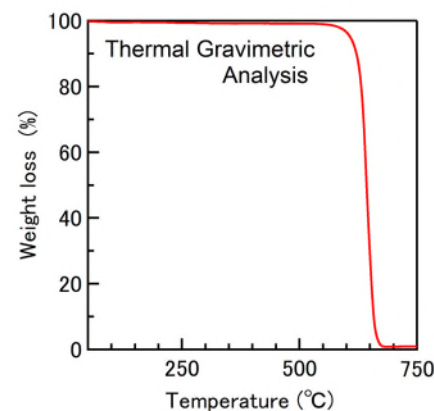
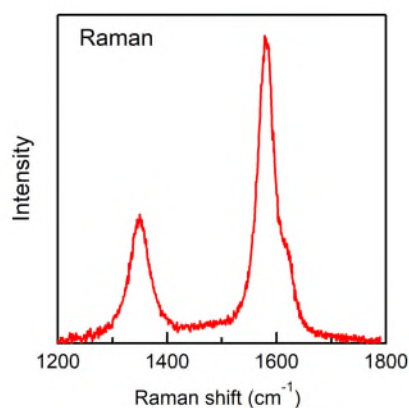
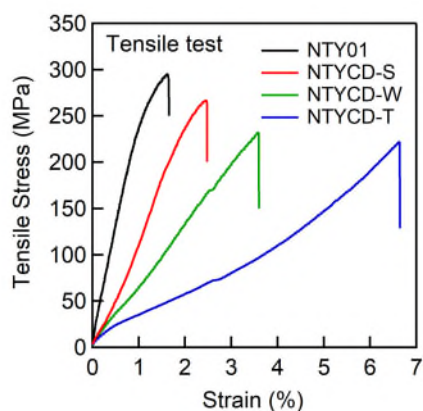
Electrically conductive wire / Thermally conductive cable / Heating devices / Electromagnetic shielding / Lightweight structural materials, etc.



◆ Specifications

※ Sales unit : 1 meter ~

SKU	Yarn Diameter (μm) typical		Purity (%)	Resistivity (Ωcm)	Basic MWCNT characteristics
NTY01	Φ40		> 98	1 ~ 5 × 10 ⁻³	CNT diameter : 10 ~ 40 (nm) Specific surface area : 50 (m ² /g)
NTYCD-S	Φ60		> 98		
NTYCD-W	Φ80		> 98		
NTYCD-T	Φ100		> 98		



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