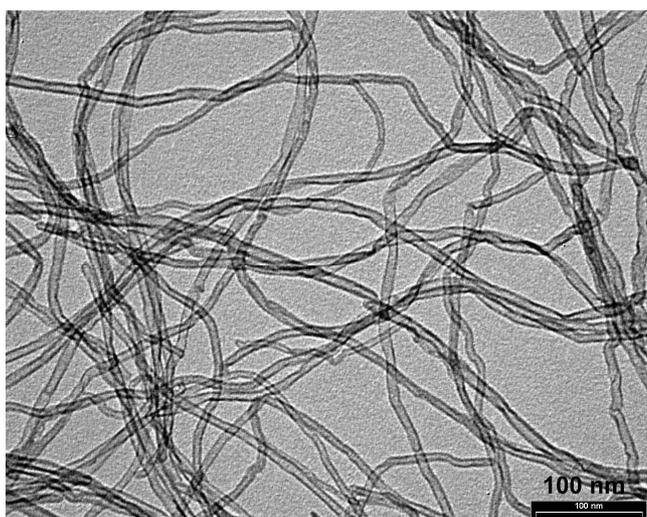


NANOCYL™ NC7000 series - Product Datasheet – Thin Multi-Wall Carbon Nanotubes

General information



NANOCYL™ NC7000 series, thin multi-wall carbon nanotubes, are produced via the catalytic carbon vapor deposition (CCVD) process.

A primary interest is in applications requiring low electrical percolation threshold such as high-performance electrostatic dissipative plastics or coatings.

NC7000 is available in powder form in quantities starting at 2 kg to multi-tons.

Pre-dispersed forms are also available (PLASTICYL™, EPOCYL™, AQUACYL™).

Characterization NC7000

PROPERTY	UNIT	VALUE	METHOD OF MEASUREMENT
Average Diameter	nanometers	9.5	TEM
Average Length	microns	1.5	TEM
Carbon Purity	%	90	TGA
Metal Oxide	%	10	TGA
Amorphous Carbon	-	*	HRTEM
Surface Area	m ² /g	250-300	BET

* Pyrolytically deposited carbon on the surface of the NC7000

+ Further information is available upon request

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