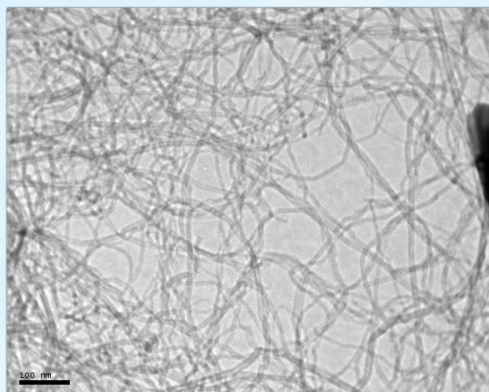


Carbon Nanotubes

Refs. MWCNT MWCNTCOOH MWCNTNH₂ SWCNT SWCNTCOOH



Dropsens Single- and Multi-Walled Nanotubes are produced through **Chemical Vapour Deposition (CVD)**. Also functionalised with -COOH and -NH₂ groups. They are suitable for mechanical and electrical applications.

They are **purified to remove free amorphous carbon** deposits and catalyst metallic particles. **Dropsens** Nanotubes present a **majority of open ends**.

MULTI-WALLED CARBON NANOTUBES

Solid Multi-Walled Carbon Nanotubes are **purified to more than 95% C**. They have a specific surface BET of 300 m²/g, an average **diameter of 10 nm** and an average **length of 1.5 µm**.

Amino and **Carboxyl** groups are applied to CNTs to modify their surface chemistry characteristics and to ease their dispersion in solvents.

Multi-Walled Carbon Nanotubes (Ref. MWCNT)

COOH functionalised Multi-Walled Carbon Nanotubes (Ref. MWCNTCOOH)

-COOH functionalisation is approx 5%, measured by XPS

SINGLE-WALLED CARBON NANOTUBES

Single-Walled Carbon Nanotubes are **purified to more than 80% C**. Specific surface BET > 1000 m²/g, **diameter of 2 nm**, and length of several microns.

Single-Walled Carbon Nanotubes (Ref. SWCNT)

COOH functionalized Single-Walled Carbon Nanotubes (Ref. SWCNTCOOH)

-COOH functionalisation is approx 5% measured by XPS

Dropsens Carbon Nanotubes are commercialised in 1 to 100 g packs. They should be stored at room temperature in a dry place.

Related products



CNTSOL



110CNT



110SWCNT



C1110CNT



C1110SWCNT

Full Catalogue



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