NANOSHEL
Creating Miracles in Black

SWCNT
PEI Functionalized

NS6130-12-001556

Quick Facts

Product	:	SWCNT PEI Functionalized
Stock No	:	NS6130-12-001556
CAS	:	308068-56-6
Purity	:	99%
APS	:	4-5nm

CNTs were conjugated with polyethylenimine (PEI). Carbon nanotubes (CNTs) have attracted great interest for biomedical applications, including the delivery of bioactive molecules such as drugs, the targeted cancer therapy, and biological imaging, because of their unique properties, including large surface area, relatively low density, high stability and other inherent mechanical, optical and electrical properties. CNT thin film with a paper–like appearance is suitable for flexible and conductive applications such as flexible devices

Applications:

- Additives in polymers
- Electron field emitters for cathode ray lighting elements
- Flat panel display
- Gas–discharge tubes in telecom networks
- Electromagnetic–wave absorption and shielding
- Energy conversion
- Lithium–battery anodes



* This image is for graphic purposes only and does not represent the actual product.

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CE 20ZICE4589C | GMP CERTIFIED 19ZAZGO1274G | ISO 13485:2016 CERTIFIED 20ZICE4588M

ISO 9001:2015 CERTIFIED COMPANY

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