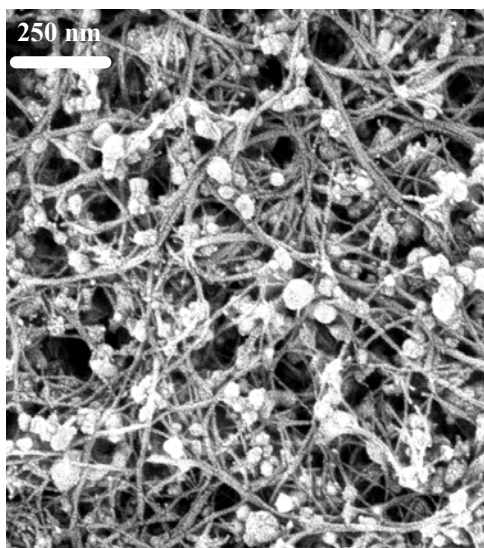
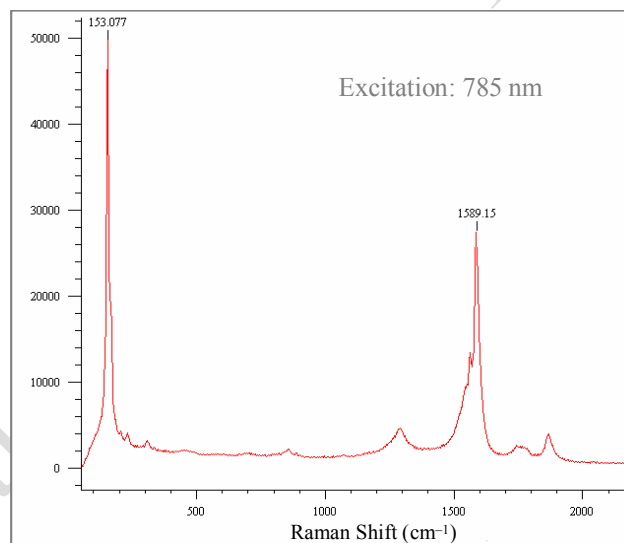


## ARC SINGLE WALLED CNT DATASHEET

The Low Cost single walled carbon nanotubes are produced by a proprietary arc-discharge process, which provides the highest quality arc-grown SWCNT available on the market.



SEM image



Raman Spectrum

The as-prepared (untreated) ARC SWCNT have a purity of 50-70%. The average diameter of nanotubes produced by our process is approximately 1.3 nm with all nanotubes falling in a range of 1.2 – 1.5 nm. Our state-of-the-art process significantly reduces metal catalyst impurities compared with other arc-grown SWCNT.

	Specifications	Test Method
<b>Diameter</b>	1.3 nm	TEM, Raman
<b>Diameter Range</b>	1.2 – 1.5 nm	TEM, SEM
<b>Length</b>	0.5 – 3 $\mu\text{m}$	SEM
<b>Purity</b>	50 – 70%	TGA, SEM