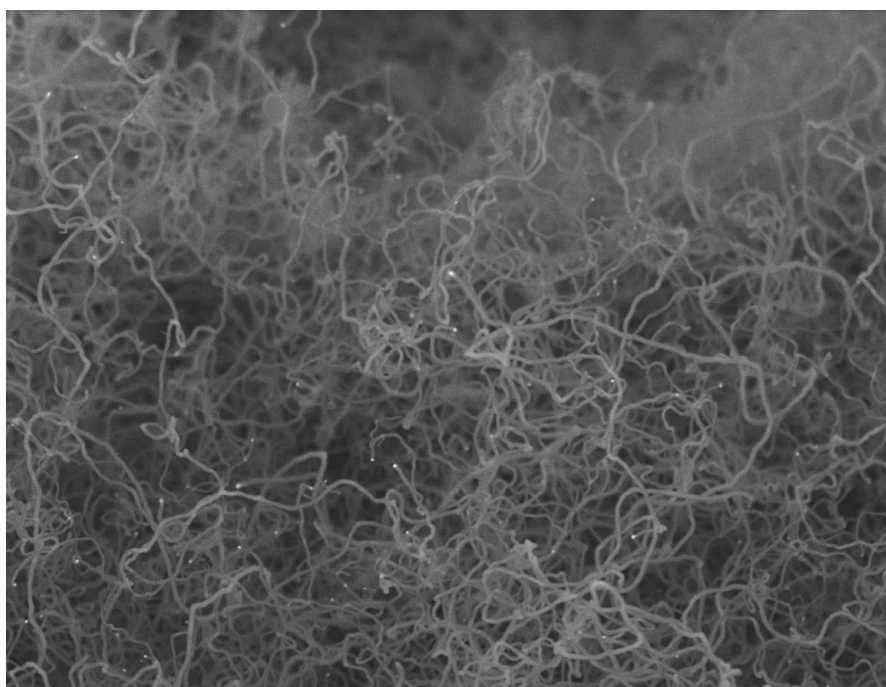


ENY-Tubes



Physical chemical properties ENY-Tubes	Unit	Value
Purity, MWCNT basis	%	> 96
Powder density	g/sm ³	0,35 – 0,45
Water content	mass, %, not higher	0,40 – 0,60 %
Geometrical surface per unit	m ² /g	90,0-130,0
pH water suspension		7,5 – 8,5
Mean diameter of nanotubes	nm	50 – 70
Inner diameter of nanotubes	nm	10 – 30
Morphology: an angle of the grafene layers relative to the nanotube axis	grad	0 – 45, varies along the axis
Mass content of technical carbon (soot),	% not higher	1,5
Presence of elements: S, Cl, P		Not available
Ni cluster size	nm	10 – 50
Thermal stability	°C	515
Length	µm	1 – 25

Further advantage of ENY-Tubes:

- Free from contamination or cleaning product like acid etc. Clean after production process, direct ready for application
- Based on Nickel-Catalyst. Contain Nickel as co-product from production process. Better conductivity and high regularity in size
- High chemical activity due to open head. Caused better adhesion ability.
- Excellent dispersion thanks rigid body. Nanotubes don't fold in axis