

PURIFICATION OF CARBON NANOTUBES

Salah OUDJERTLI

Abstract: Nanotubes have never ceased to make object of research around the world. The scientific community has high hopes on these nanomaterials seen their exceptional properties and their various applications. The as-prepared CNTs contain impurities such as metal catalysts, amorphous carbon, and multi-shelled carbon particles. These impurities must be removed to realize the intrinsic properties of the CNTs. Purification is an essential issue to be addressed. Here we present an overview of the purification of carbon nanotubes, based on two methods of purification, filtration and acid treatments.

Keywords : CNTs, Filtration, acidacid treatments treatments