

Technical data

Categories No: TNIM8

Name: Industrial Grade Multi-walled Carbon Nanotubes

Purity: >90%

OD: >50nm [OD=Outer Diameter]

ID: 5-15nm [ID=Inner Diameter]

Length: 10-20 μ m

SSA: > 60m²/g [SSA=Special Surface Area]

Color: Black

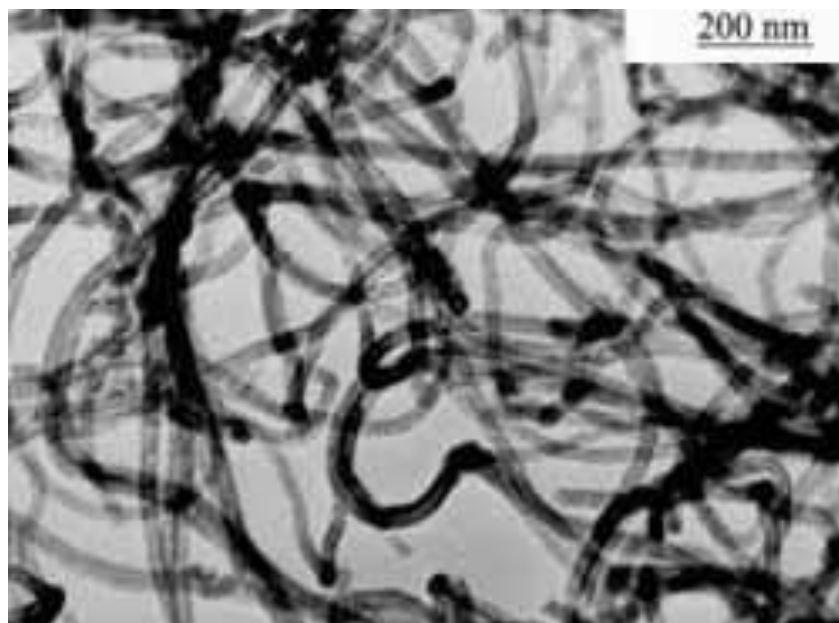
Tap density: 0.18 g/cm³

True density: ~2.1 g/cm³

EC: >100s/cm [EC=Electric Conductivity]

Making method: CVD

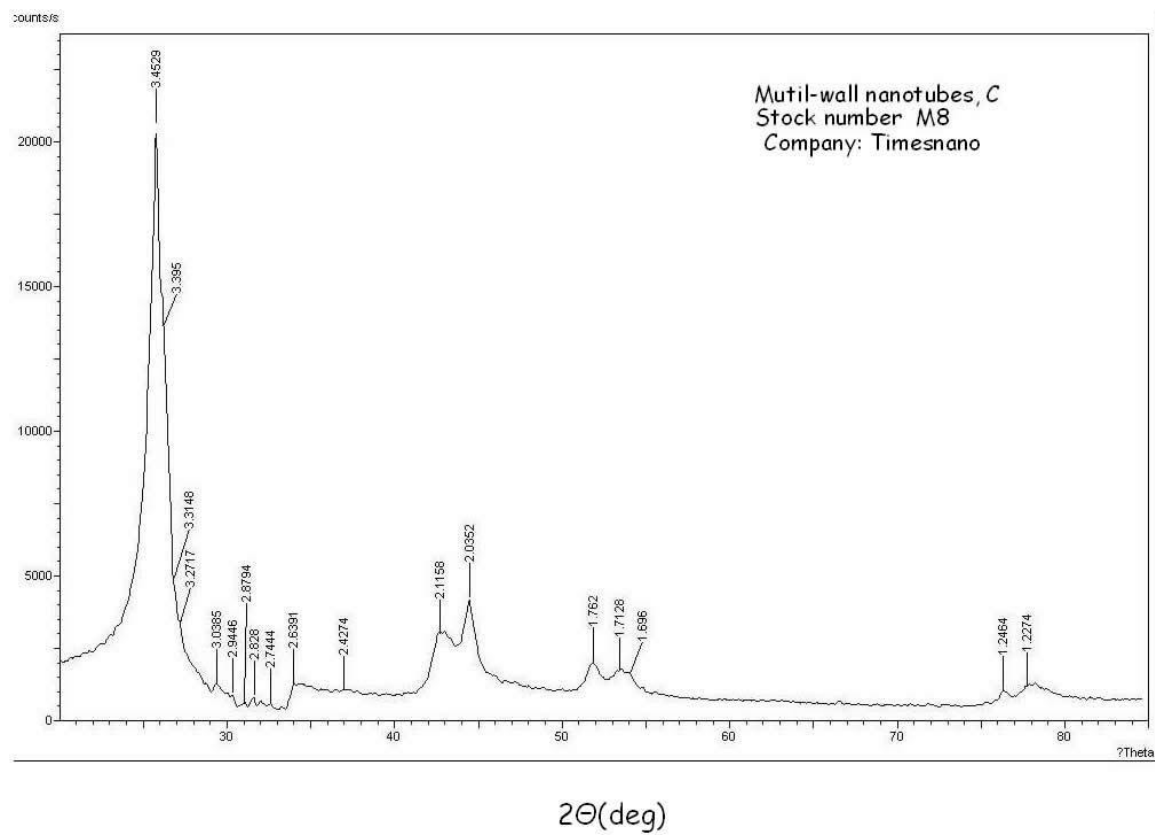
Testing paper



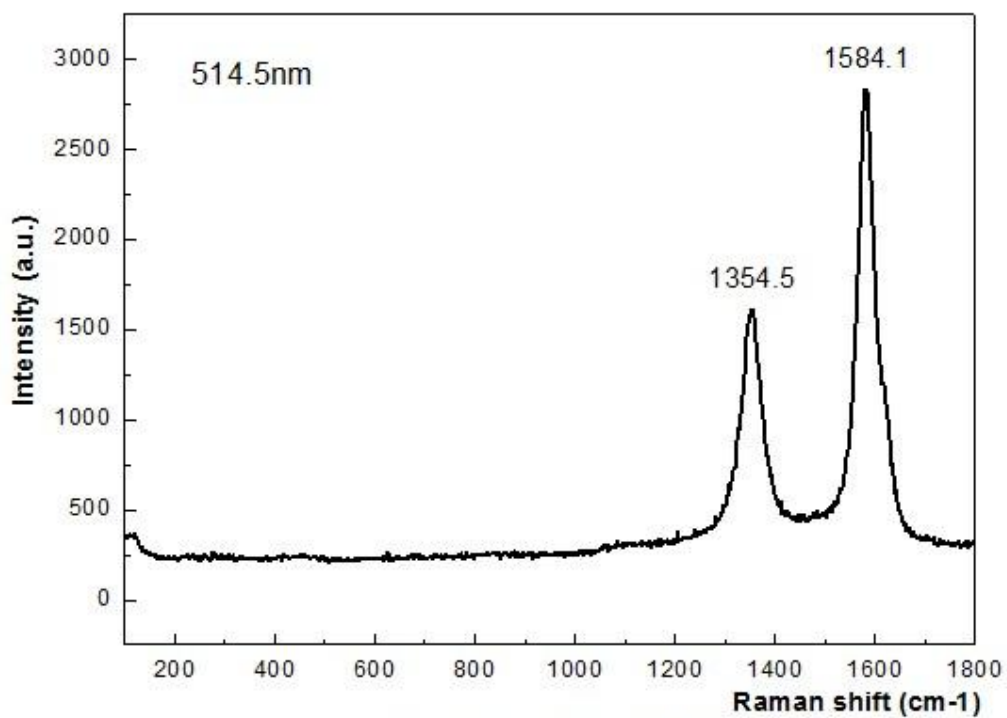
TEM (透射电子显微镜法)



(SEM) (扫描电子显微镜法)

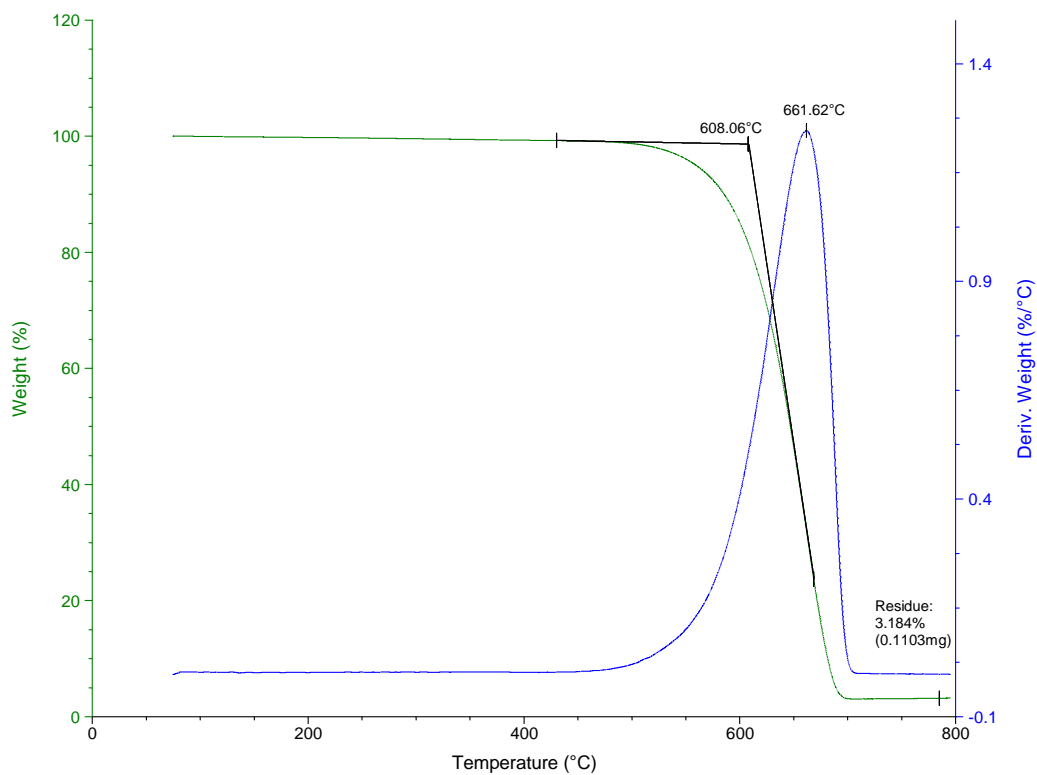


XRD (X 射线衍射)



Raman spectrum of IM8

(拉曼光谱)



TG (热重法)

元素分析

元素	含量 (%)
C	92.65
Fe	0.23
Ni	2.76
S	0.12