

Technical Data

Categories No: TNNRGO

Name: Nitrogen Doped Graphene

Purity: >98wt%

layers: <3

Thickness: 1-3nm

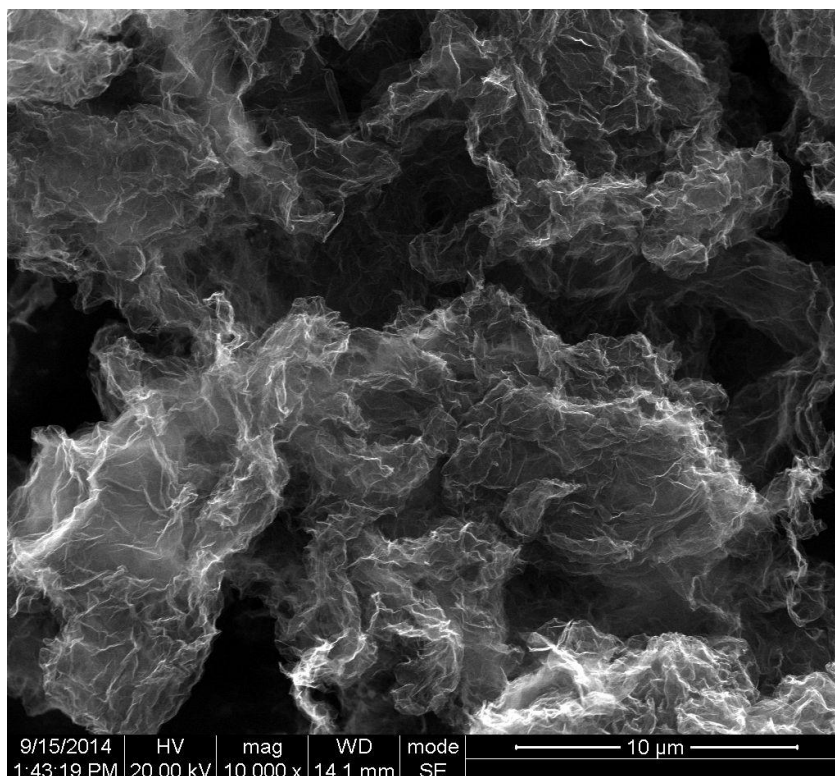
Scale: 2-10 μ m

Specific Surface Area: 100-300m²/g

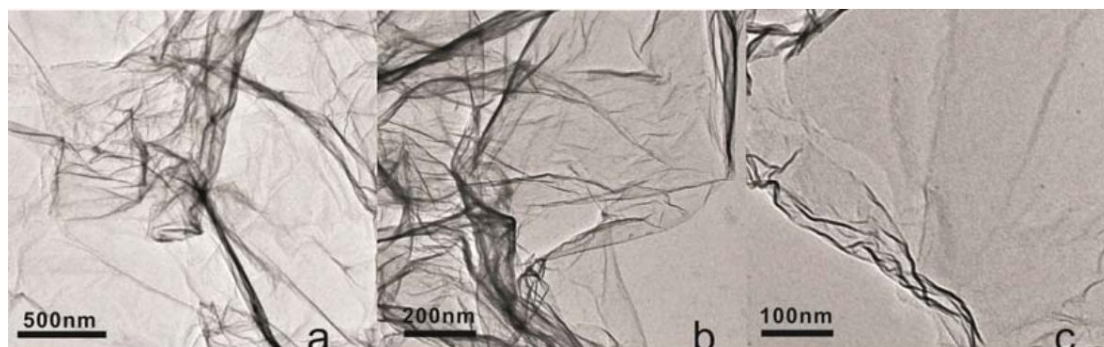
Tap density: 5~10 mg/mL

Nitrogen Content :5~10% wt

1. SEM of Nitrogen Doped Graphene

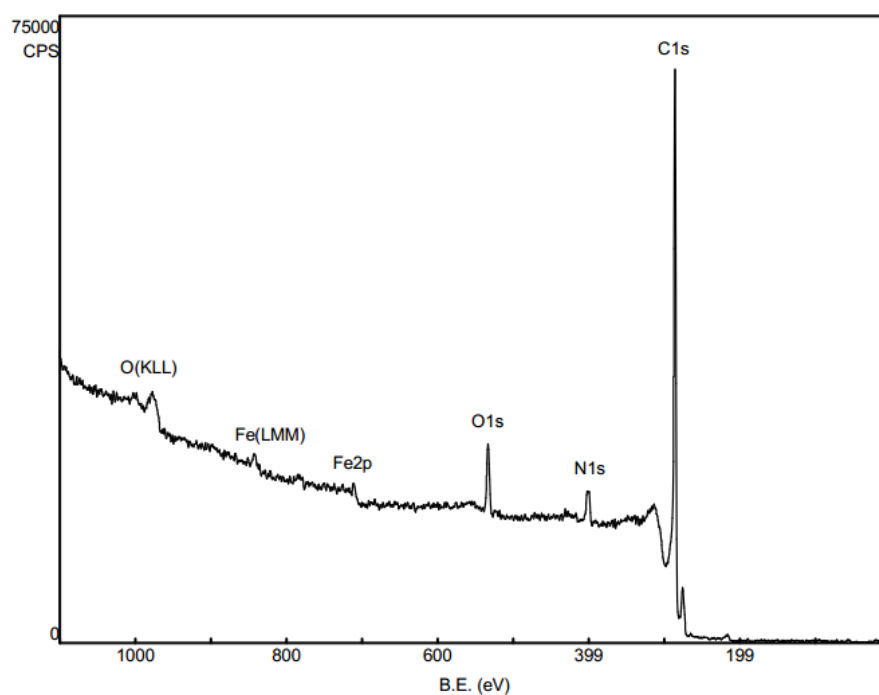


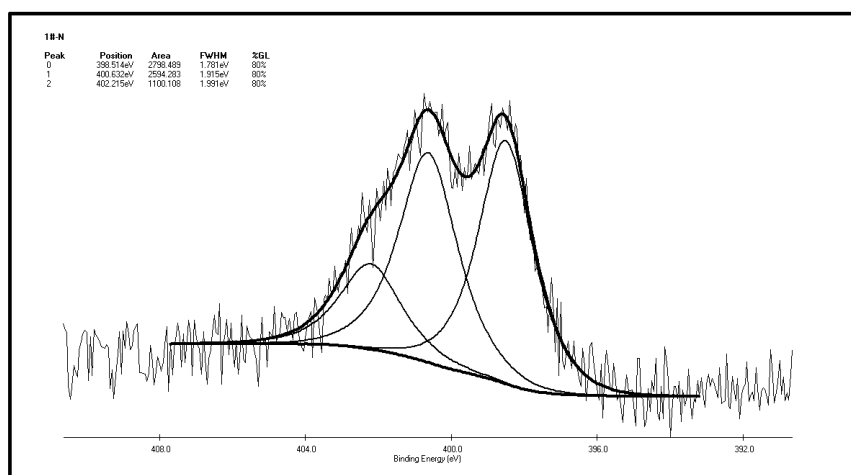
2. TEM of Nitrogen Doped Graphene



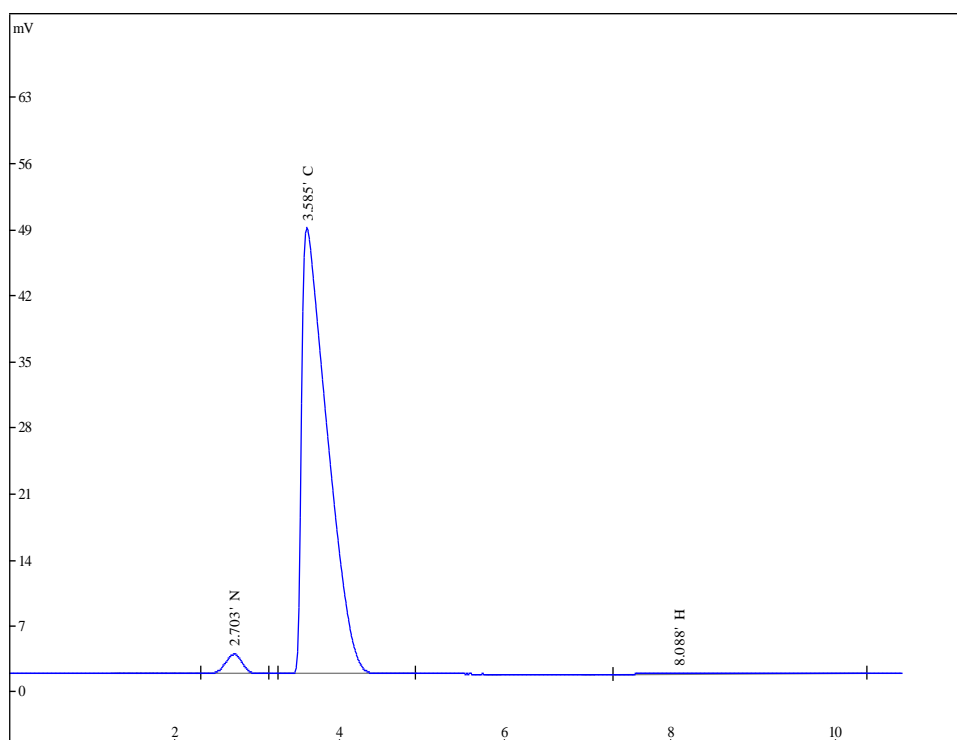
3. XPS characterization of Nitrogen Doped Graphene

Element	Surface area	Atomic percent %
C	63480.8	88.31
N	6492.9	5.38
O	11984.9	6.32





4. Element analysis of Nitrogen Doped Graphene



Element	C	N	H
Content (% wt)	83.57	7.71	0.23

5. Nitrogen isothermal absorption-desorption curve

