

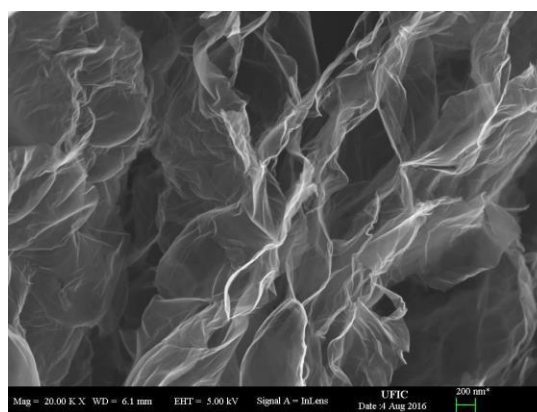
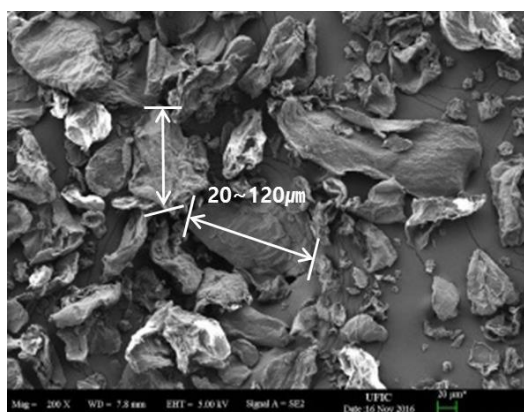
PRODUCT : GO-V20

General Characteristics : Chemically Synthesized Graphene Oxide

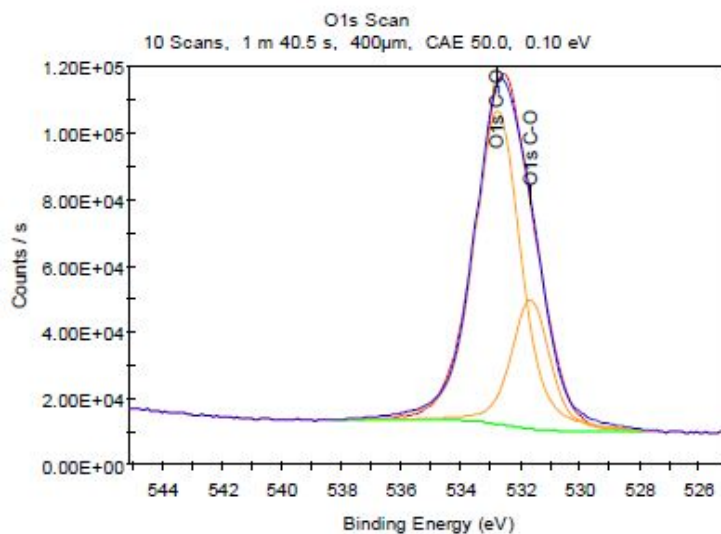
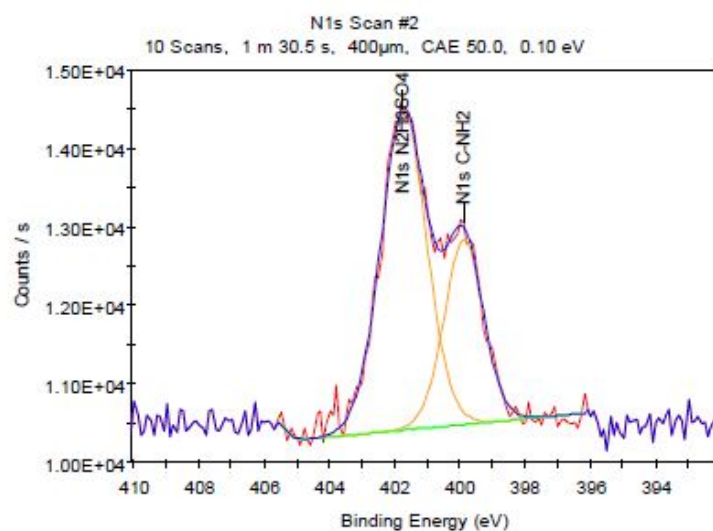
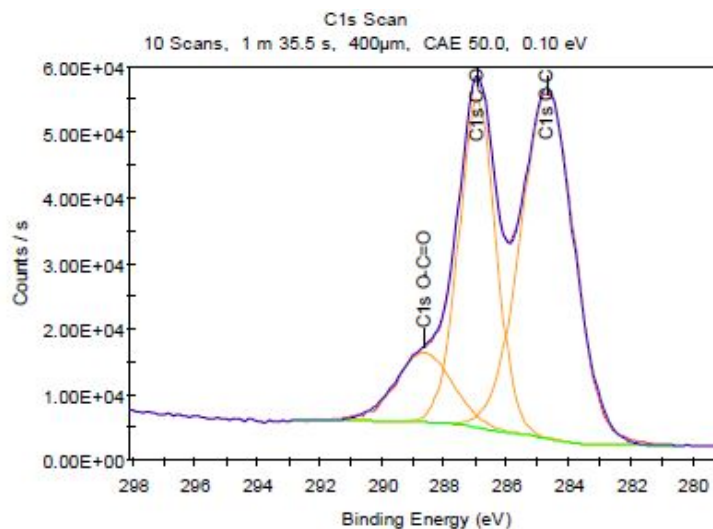
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PARAMETER	SPECIFICATIONS
VISUAL:	Fluffy, Light Powder
COLOR:	Brown or Dark Brown
SPECIFIC SURFACE AREA:	–
Electrical Conductivity:	Insulator
CARBON BY WT%:	49 – 51%
OXYGEN BY WT%:	38.0 – 44.0%
SULFUR BY WT%:	2 - 4%
HYDROGEN BY WT%:	2 - 4%
ASH BY WT%:	≤ 1.0%
PHYSICAL SIZES:	
AVERAGE LATERAL DIMENSION (x & y)	≥ 20 um
AVERAGE THROUGH-PLANE DIMENSION (z)	~ 1.1 – 1.3 nm (as analyzed by AFM)
AVERAGE PARTICLE SIZE	D <sub>50</sub> = 56.03 (Measured by PSA)

## SEM Images



# XPS Data



Performed by an accredited Outside Test Facility

Data Written: 24/09/2019

Revision Date: 28/04/2020