



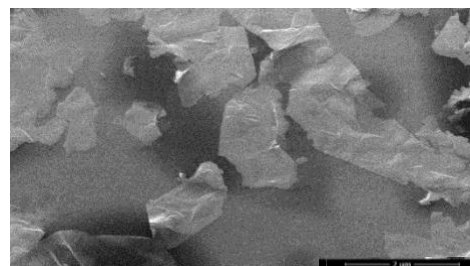
Graphene Solutions

Product Specification

Product Name: Graphene Oxide (in suspension 4mg/ml or powder)

Product Code: ZENGO-EC

ZENGO-EC is made from Albany Graphite using the Improved Hummers' chemical exfoliation method with some modifications.



SEM Imagery of GO

Specifications

Appearance (Color)	Brown to Very Dark Brown and Black
Appearance (Form)	Powder or Liquid (Suspension)
Carbon (Dry Basis)	64.4 %
Oxygen (Dry Basis)	35.6 %
Sulfur (Dry Basis)	< 4.0 %
Potassium (K)	< 60 ppm
Manganese (Mn)	< 60 ppm
I _D /I _G	0.84
L _c	1-3 μm
Number of Layers	< 4
Solubility	DI Water, NMP, DCB, THF, DMF, and other polar solvents

