

Specification Sheet



Carbon Solutions, Inc.
1200 Columbia Ave
Riverside, CA 92507

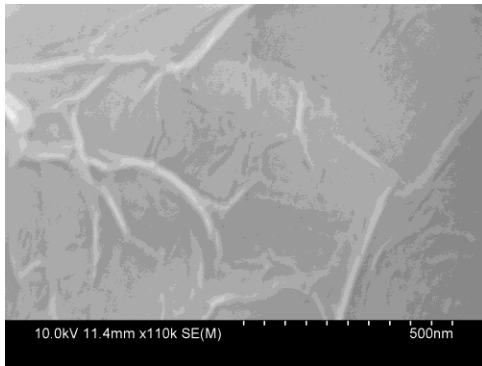
Tel: +1(951) 682-5620
Fax: +1(951) 682-5627
sales@carbonsolution.com

Nitrogen-doped Reduced Graphene Oxide (NRGO)

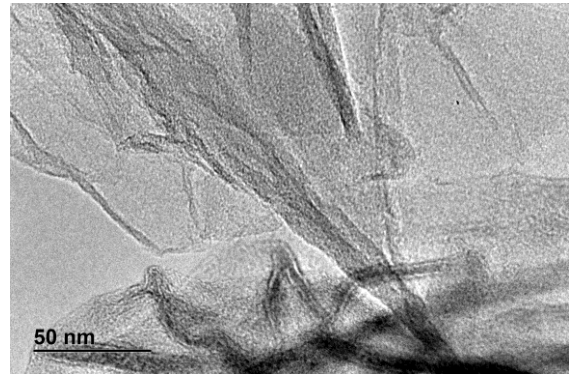
Product Description: Nitrogen-doped reduced graphene oxide.

N-content (from XPS):	5 - 7 at%
Graphene sheet size	0.1 – 3.0 μm Mean – 1.5 μm
Surface area (BET)	125 m^2/g
Metal content:	< 1%
Price per Gram:	\$200
Minimum Order:	0.5 gram

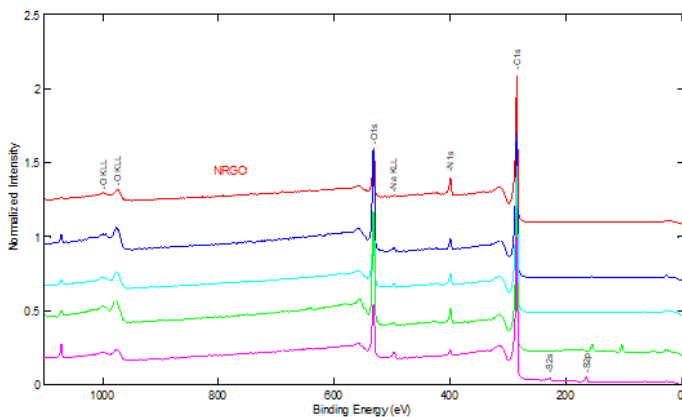
Scanning Electron Microscopy (SEM)



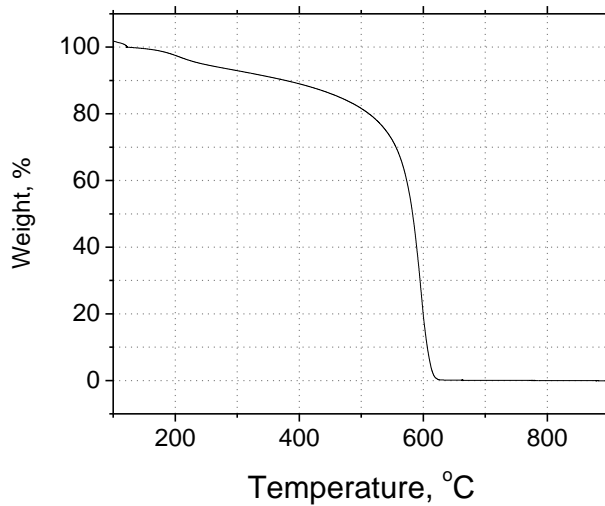
Transmission Electron Microscopy (TEM)



XPS spectrum of NRGO (red curve)



TGA in air at 5°C /min



Note: The images shown above are from a typical sample of N-RGO material. They should be used as a basis and not as an absolute value. There may be slight deviations from batch to batch, but all parameters will fall within the specifications listed above.

Areas of applications: Biomedical, Sensors, Energy Storage