

GO – GRAPHENE OXIDE

DATASHEET



Advanced Graphene Products

SKU: XBB-GO
Last update: 06.2018

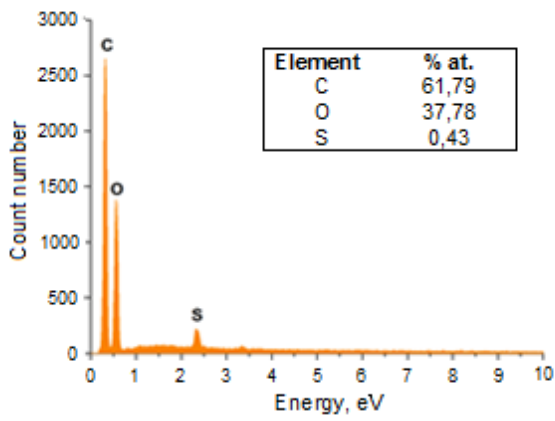
Graphene oxide is obtained as a result of chemical exfoliation of graphite using modified Hummers' method.

CHEMICAL COMPOSITION	Carbon: ~61,5% at. Oxygen: ~37,5% at. Sulfur: <0,5% at. Graphene oxide contains carbonyl, carboxylic, hydroxyl and epoxy groups (FTIR analysis).
AVAILABLE FLAKE SIZE	<20 um <45 um <150 um >150 um (custom flake sizes available on request)
NUMBER OF LAYERS (n)	20>n>11
DISTANCE BETWEEN LAYERS	~0,700-0,900 nm

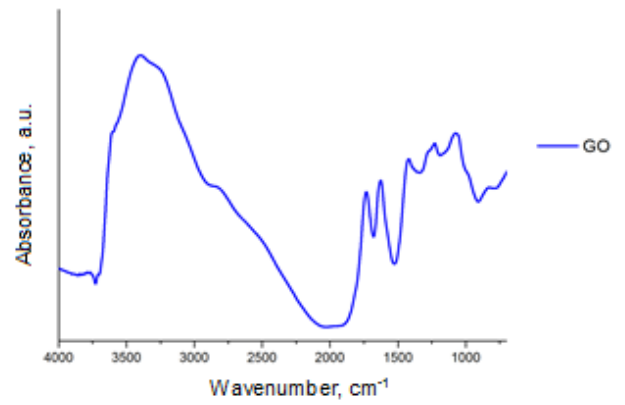
ADDITIONAL INFORMATION:

Standard reduced graphene oxide is a powder material. AGP offers a wide range of graphene flakes with different parameters and in various forms (powders, dispersions, pastes, etc.). It is possible to prepare the material directly for individual needs. In order to determine the possibility of preparing a custom product or in case of any questions, please contact our Sales Department directly at sales@agp-corp.com.

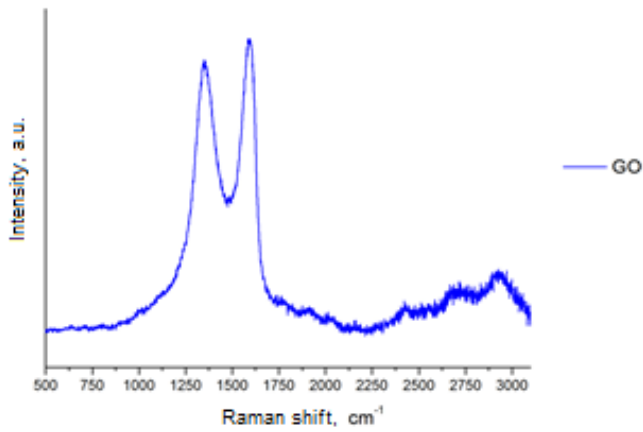
EDS



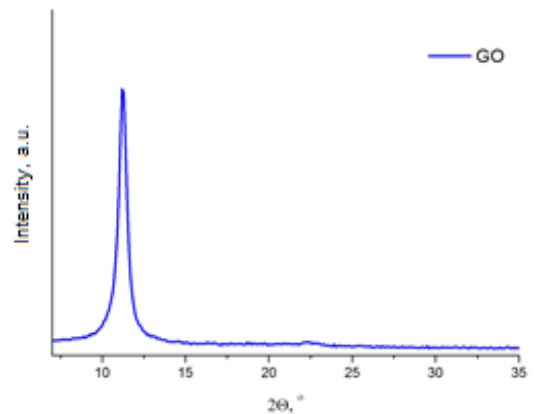
FTIR



Raman Spectroscopy



XRD



SEM

