

# Reduced Graphene Oxide



We make Reduced Graphene Oxide by the reduction of graphene oxide, it has to be taken into account once most of the oxygen groups are removed.

THICK: ~0.8-2 nm

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# PRODUCT FEATURES

# RGO

Purity: ~99%

## Advantages

- ▶ High aspect ratio, Very thin exfoliated sheet
- ▶ Ultimately High Purity
- ▶ Improves mechanical Properties.
- ▶ Improve Electrical Properties.
- ▶ Enhance Thermal Conductivity.
- ▶ Small Addition will improves the properties of matrix

## Applications

Small Quantity Used To Make  
Anti-corrosion Coatings

Used To Improve The Properties  
Of Polymer

Improve Power And  
Energy Density And Also  
Extend Battery Cycle Life

Used To Make  
Chemical Sensors

Used To Make  
Anti-barrier Coatings

Very Minute Quantity Can  
Improve Properties Of  
Concrete

Use To Make  
Rfid Coatings

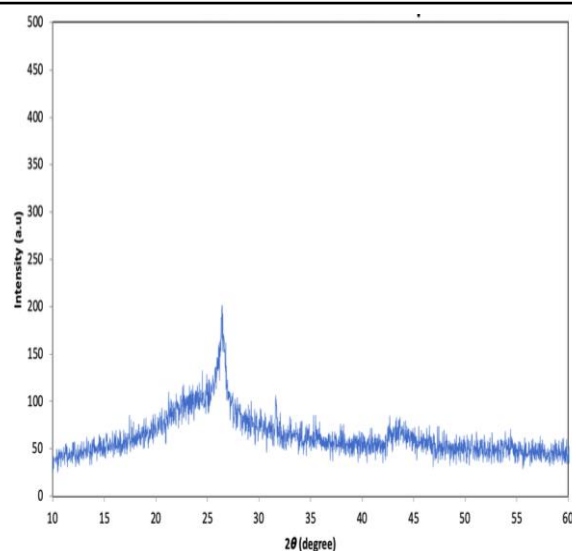
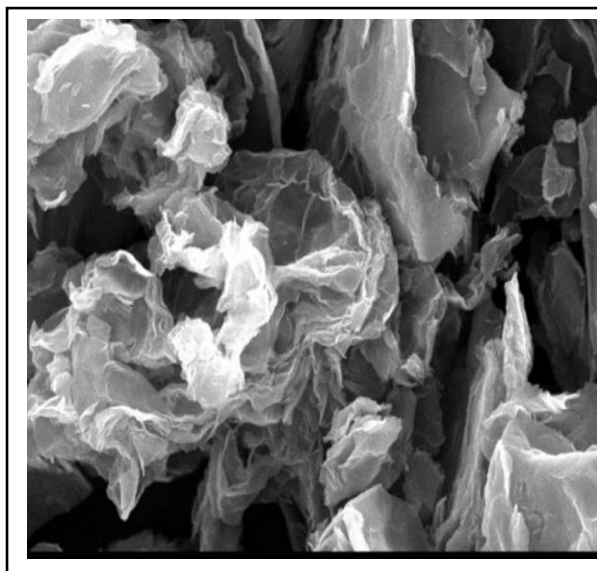
Used To Improve The  
Properties Of Elastomers

Small Quantity Can Improve  
Mechanical, Electrical Properties  
Of Paints & Coatings

# TECHNICAL DATA SHEET

## SPECIFICATION

AD-RGO	DESCRIPTION
PURITY	~99%
THICKNESS	~ 0.8-2 nm
C:O RATIO	~ 90:10
BULK DENSITY	0.014 g/cm <sup>3</sup>
PHYSICAL FORM	FLUFFY POWDER
COLOUR	BLACK
SURFACE AREA	~ 400 m <sup>2</sup> /g
CAS NO.	1034343-98-0



### DISCLAIMER

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