

PRODUCT NAME GO-V20
DESCRIPTION Chemically Synthesized Graphene Oxide

ITEMS

PROPERTIES

Appearance

Brown or Dark Brown Fluffy Light Powder

Elemental Analysis Data

Carbon Content 45 - 55 %

Oxygen Content 35 - 45 %

Hydrogen Content ≤ 5 %

Sulfur Content ≤ 5 %

Nitrogen Content ≤ 1 %

Particle Size Analysis

Range : 18 – 104 μm

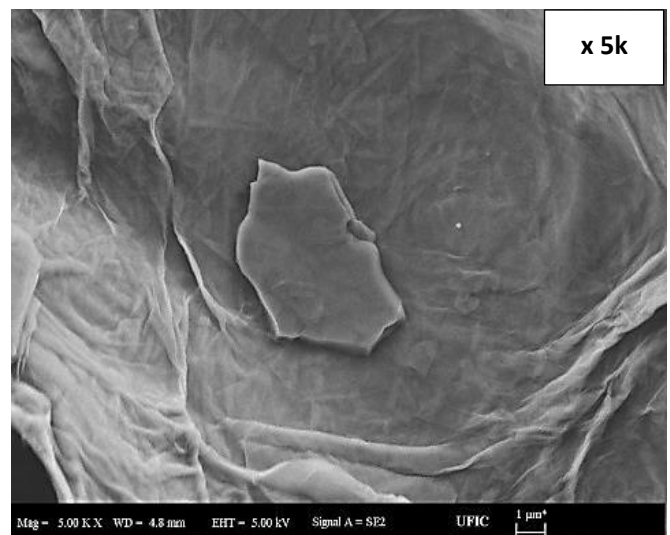
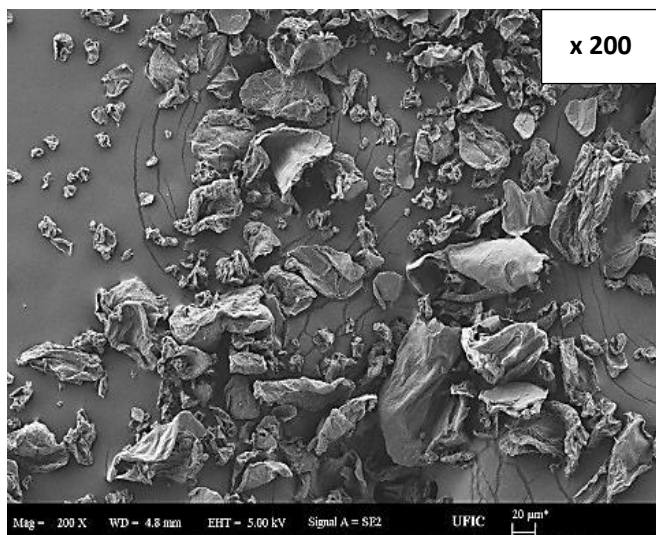
(by Laser Diffraction)

D₅₀ : 50 μm

Thickness *(by Atomic Force Microscopy)*

1.1 – 1.3 nm

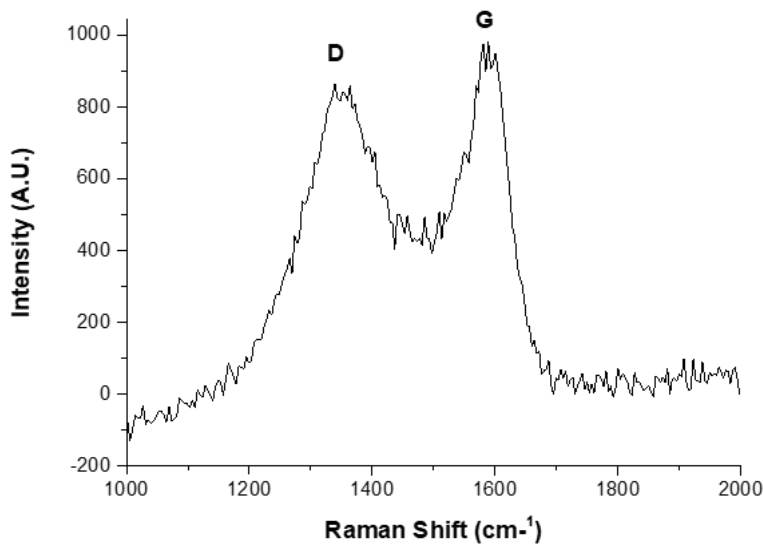
Particle Image *(by Scanning Electron Microscopy)*



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D/G Ratio <i>(by Raman Spectroscopy)</i>	0.86
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Functional Group Scanning *(by X-ray Photoelectron Spectroscopy)*

