

PRODUCT NAME rGO-V20
DESCRIPTION Chemically Synthesized Reduced Graphene Oxide

ITEMS	PROPERTIES
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Appearance	Black Fluffy Light Powder
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Specific Surface Area <i>(by Brunauer-Emmet-Teller)</i>	300 - 600 m ² /g
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Elemental Analysis Data

Carbon Content	≥ 80 %
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Oxygen Content	≤ 15 %
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Hydrogen Content	≤ 1 %
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Sulfur Content	≤ 3 %
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Nitrogen Content	≤ 1 %
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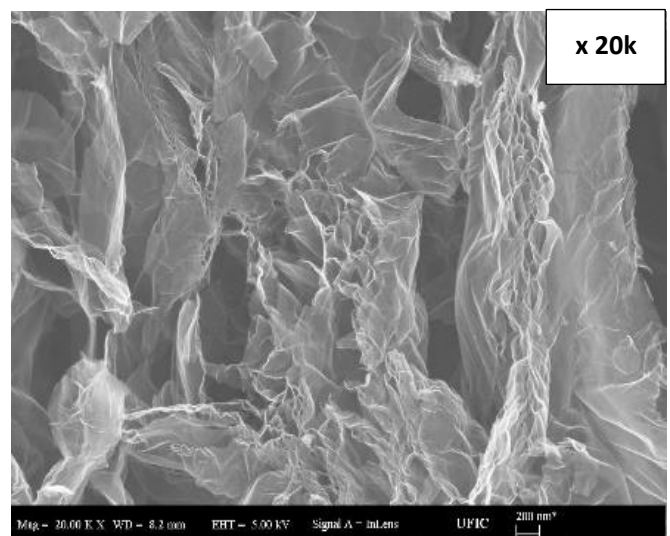
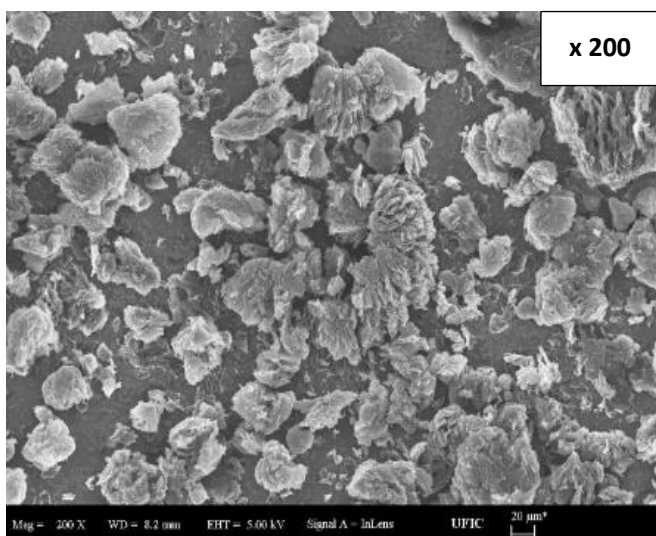
Particle Size Analysis	Range :	37 – 139 μm
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(by Laser Diffraction)

D ₅₀ :	85 μm
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Thickness <i>(by Atomic Force Microscopy)</i>	2.0 – 2.4 nm
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Particle Image *(by Scanning Electron Microscopy)*



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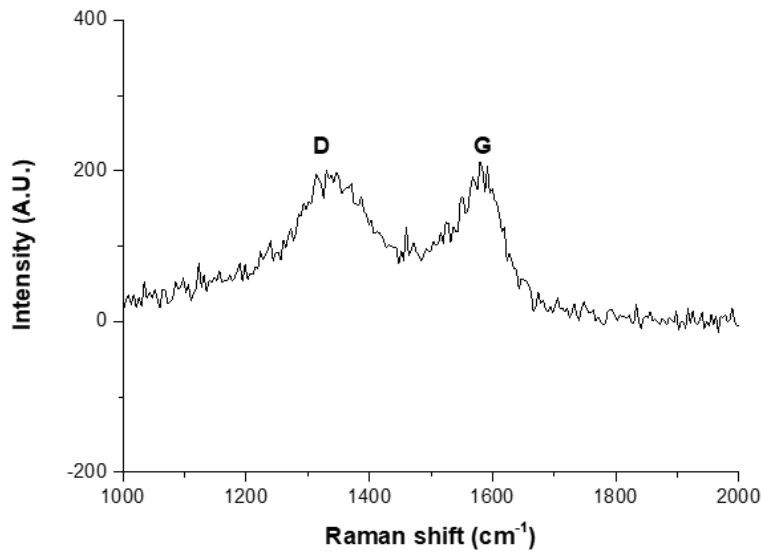
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D/G Ratio (by Raman Spectroscopy)

1.00



Functional Group Scanning (by X-ray Photoelectron Spectroscopy)

