

PRODUCT NAME GO-V50 Water Solution (1.0 wt%)
DESCRIPTION Chemically Synthesized Graphene Oxide Aqueous Solution

ITEMS

PROPERTIES

Appearance Brown or Dark Brown Liquid Solution

Concentration *(by Moisture Titrator)* 0.8 – 1.2 wt%

pH *(by pH Meter)* 2 – 3

Conductivity *(by Conductivity Meter)* 2,000 – 4,000 $\mu\text{S/cm}$

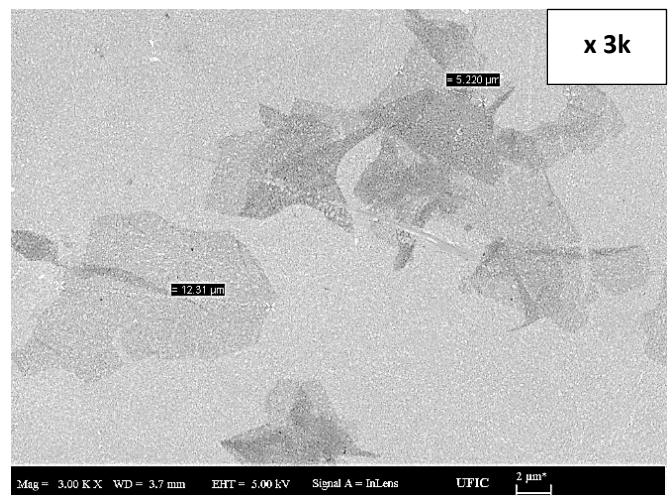
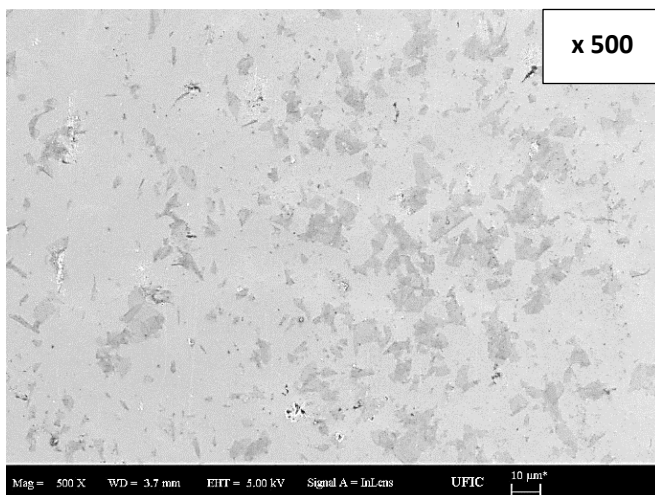
Particle Size Analysis Range : 3 – 19 μm

(by Laser Diffraction)

D_{50} : 8 μm

Thickness *(by Atomic Force Microscopy)* 1.0 – 1.2 nm

Particle Image *(by Scanning Electron Microscopy)*



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D/G Ratio (by Raman Spectroscopy)

0.86

