

PRODUCT : rGO-V50

General Characteristics : Chemically Synthesized Graphene

PARAMETER

SPECIFICATIONS

VISUAL:

Fluffy, Light Powder

COLOR:

Match Standard, Black

SPECIFIC SURFACE AREA:

600~650 m²/g

Electrical Conductivity:

Ave. 5 S/cm (as powder resistance)

CARBON BY WT%:

83% – 87%

OXYGEN BY WT%:

6% – 8%

SULFUR BY WT%:

2~3%

HYDROGEN BY WT%:

0~1%

ASH BY WT%:

4~5%

PHYSICAL SIZES:

AVERAGE LATERAL DIMENSION (x & y)

≥ 30 um

AVERAGE THROUGH-PLANE DIMENSION (z)

1.0 ~ 1.4 nm (as estimated by AFM)

SEM Images

