

PRODUCT : rGO-V51

General Characteristics : Chemically Synthesized Graphene

PARAMETER

SPECIFICATIONS

VISUAL:

Fluffy, Light Powder

COLOR:

Match Standard, Black

SPECIFIC SURFACE AREA:

600~700 m²/g

Electrical Conductivity:

Ave. 30 S/cm (as powder resistance)

CARBON BY WT%:

84~89%

OXYGEN BY WT%:

5~8%

SULFUR BY WT%:

3~4%

ASH BY WT%:

3~4%

PHYSICAL SIZES:

AVERAGE LATERAL DIMENSION (x & y)

≥ 30 μm

AVERAGE THROUGH-PLANE DIMENSION (z)

~ 1.0 – 1.4 nm (as estimated by AFM)

SEM Images

