



Maximize your productivity through
Skyspring nanomaterials

Graphene Nanopowder

Product Number: 0544DX

CAS Number: 7782-42-5

Empirical Formula: C

Details

Graphene Platelet Nanopowder

Appearance: Black powder

Morphology: platelet

Thickness: 11-15 nm

Average Particle Diameter: 15 micron

Surface Area: 50-80 m²/g

Content of Carbon: 99.5+%

Electrical Conductivity (siemens/meter):

10^7 (parallel to surface), 10^2 (perpendicular to surface)

Thermal Conductivity (watts/meter-K):

3000 (parallel to surface), 6 (perpendicular to surface)

Thermal Expansion (M/M/deg.-K):

$4-6 \times 10^{-6}$ (parallel to surface), $0.5-1.0 \times 10^{-6}$ (perpendicular to surface)

Raman Spectroscopy of product 0544DX:

