



NORTHERN
GRAPHITE
CORPORATION

NATURAL GRAPHITE

Technical Data Sheet

LDI-NFG M80

Natural Flake Graphite

Product Name: LDI-NFG M80

Country of Origin

Canada

General Characteristics

Formula: Carbon

Aspect: Fine black powder

CAS number: 7782-42-5

Standard Packaging

25 kg paper bags, 40 bags on one pallet (1000 kg)

25 kg paper bags, 36 bags on one pallet (900 kg)

50 lbs paper bags, 40 bags on one pallet (2000 lbs)

1000 kg big bags, 1000 kg on one pallet

1134 kg big bags, 1134 kg on one pallet

Available Carbon Grades

From 94% to 97%

Guaranteed Values

Moisture: 0.5% max

Cumulative -80 mesh: 80% min
(-180 micron)

Typical Values

Ash Analysis

SiO₂: 41.6%

Fe₂O₃: 13.4%

Al₂O₃: 16.3%

CaO: 15.7%

MgO: 5.9%

K₂O: 1.2%

Na₂O: 1.1%

TiO₂: 0.3%

MnO: 0.1%

P₂O₅: 0.1%

Particle Size Distribution (vibrated sieving)

+ 80 mesh (+180 μm): 13%

+ 140 mesh (+106 μm): 35%

+ 200 mesh (+75 μm): 16%

- 200 mesh (-75 μm): 36%

Northern Graphite Corporation

585 chemin du Graphite, Lac des Iles,

Quebec, Canada J0W 1J0

T +1-819-597-2911

clients@northerngraphite.com

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