



**NORTHERN
GRAPHITE**
CORPORATION

NATURAL GRAPHITE

Technical Data Sheet

LDI-NFG 50X80

Natural Flake Graphite

Product Name: LDI-NFG 50X80

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: 41.4%

Fe₂O₃: 14.6%

Al₂O₃: 14.6%

CaO: 16.0%

MgO: 6.7%

K₂O: 1.7%

Na₂O: 0.9%

TiO₂: 0.3%

MnO: 0.1%

P₂O₅: 0.1%

Particle Size Distribution (vibrated sieving)

+ 50 mesh (+300 μm): 11%

+ 60 mesh (+250 μm): 32%

+ 80 mesh (+180 μm): 48%

+ 100 mesh (+150 μm): 7%

- 100 mesh (-150 μm): 2%

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