



**NORTHERN
GRAPHITE**
CORPORATION

NATURAL GRAPHITE

Technical Data Sheet

LDI-NFG M150

Natural Flake Graphite

Product Name: LDI-NFG M150

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 -150 mesh: 80% min
(-106 micron)

Typical Values

Ash Analysis

SiO₂: 42.1%

Fe₂O₃: 13.9%

Al₂O₃: 17.1%

CaO: 15.7%

MgO: 5.4%

K₂O: 1.2%

Na₂O: 1.2%

TiO₂: 0.3%

MnO: 0.1%

P₂O₅: 0.2%

Particle Size Distribution (vibrated sieving)

+ 150 mesh (+105 μm): 15%

+ 200 mesh (+75 μm): 26%

+ 325 mesh (+45 μm): 33%

- 325 mesh (-45 μm): 26%

Northern Graphite Corporation

585 chemin du Graphite, Lac des Iles,

Quebec, Canada J0W 1J0

T +1-819-597-2911

clients@northerngraphite.com

This product is in compliance with the EC Directive 2002/95/CE (Restriction Of Hazardous Substances, RoHS). The information contained herein is believed to be correct. However, no warranty is made, either expressed or implied regarding the accuracy or the results to be obtained from the use of such information. The user assumes all risk and liability for intellectual property infringement and no statement(s) made in relation to this material is intended or shall be construed as inducing infringement of a valid patent.

JUNE 2022