

### 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/pallet (1000 kg)  
 25 kg paper bags, 36 bags/pallet (900 kg)  
 50 lbs paper bags, 40 bags/pallet (2000 lbs)  
 1000 kg big bags, 1000 kg/pallet

**Available Carbon Grades**

From 94% to 97%

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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.

**Guaranteed Values**

Moisture: 0.5% max  
 Cumulative -140 mesh: 80% min  
 (-106 micron)

**Typical Values**

**Ash Analysis**

SiO <sub>2</sub> :	41.9%
Fe <sub>2</sub> O <sub>3</sub> :	14.4%
Al <sub>2</sub> O <sub>3</sub> :	14.6%
CaO:	16.5%
MgO:	7.1%
K <sub>2</sub> O:	1.6%
Na <sub>2</sub> O:	1.0%
TiO <sub>2</sub> :	0.3%
MnO:	0.1%
P <sub>2</sub> O <sub>5</sub> :	0.1%
S:	2.1%
Trace:	0.4%
TOTAL:	100%

These are typical values provided for information purposes. Individual Lots may vary.

**Particle Size Distribution**

(vibrated sieving)

M150	Average %	Minimum %	Maximum %
+80 Mesh	1	0	5
-80/+100 Mesh	2	0	6
-100/+140 Mesh	9	2	14
-140/+200 Mesh	29	9	41
-200/+325 Mesh	33	26	40
-325 Mesh	27	7	55

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