

### Natural Flake Graphite for Friction Applications

**Product Name: LDI-NFG M100FR**

#### 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.

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#### Guaranteed Values

Bulk Density: 0.22 – 0.76 g/cm<sup>3</sup>  
Moisture: 0.5% max  
Cumulative -100 mesh: 80% min  
(-150 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)

M100	Average %	Minimum %	Maximum %
+80 Mesh	5	2	10
-80/+100 Mesh	7	4	11
-100/+140 Mesh	18	13	23
-140/+200 Mesh	24	20	31
-200/+325 Mesh	25	19	32
-325 Mesh	20	8	27

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