

Natural Flake Graphite

Product Name: LDI-NFG 80X150

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%

Northern Graphite Corporation

Suite 802, 3030 boul Le Carrefour

Laval, Quebec, Canada H7T 2P5

T +1-438-688-0007

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.

DEC 2023

Guaranteed Values

Moisture: 0.5% max

Cumulative +140 mesh: 80% min
(+106 micron)

Typical Values

Ash Analysis

SiO ₂ :	41.9%
Fe ₂ O ₃ :	14.4%
Al ₂ O ₃ :	14.6%
CaO:	16.5%
MgO:	7.1%
K ₂ O:	1.6%
Na ₂ O:	1.0%
TiO ₂ :	0.3%
MnO:	0.1%
P ₂ O ₅ :	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)

80x150	Average %	Minimum %	Maximum %
+80 Mesh	9	0	40
-80/+100 Mesh	26	0	43
-100/+140 Mesh	49	23	83
-140/+200 Mesh	11	3	19
-200 Mesh	4	0	9

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