

Natural Flake Graphite for Friction Applications

Product Name: LDI-NFG 50X80FR

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.

Guaranteed Values

Bulk Density: 0.39 – 0.84 g/cm³
Moisture: 0.5% max
Cumulative +80 mesh: 80% min
(+180 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)

50x80	Average %	Minimum %	Maximum %
+50 Mesh	7	3	47
-50/+60 Mesh	27	17	42
-60/+80 Mesh	50	28	60
-80/+100 Mesh	8	2	13
-100/+120 Mesh	3	1	6
-120 Mesh	6	1	9

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