

Natural Flake Graphite for Friction Applications

Product Name: LDI-NFG 20X80FR

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 (LOI @ 900 degrees C)

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

Bulk Density: 0.39 – 0.96 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)

20x80	Average %	Minimum %	Maximum %
+20 Mesh	1	1	2
-30/+40 Mesh	19	12	25
-40/+50 Mesh	27	18	31
-50/+80 Mesh	44	38	57
-80/+100 Mesh	4	2	6
-100 Mesh	5	1	9

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