



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 on one pallet (1000 kg)

25 kg paper bags, 36 bags on one pallet (900 kg)

50 lbs paper bags, 40 bags on one pallet (2000 lbs)

1000 kg big bags, 1000 kg on one pallet

1134 kg big bags, 1134 kg on one pallet

Available Carbon Grades (LOI @ 900 degrees C)

From 94% to 98%

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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

SiO₂: 40.3%

Fe₂O₃: 11.9%

Al₂O₃: 9.8%

CaO: 17.1%

MgO: 8.6%

K₂O: 2.5%

Na₂O: 1.2%

TiO₂: 0.3%

MnO: 0.1%

P₂O₅: 0.1%

Particle Size Distribution (vibrated sieving)

+ 20 mesh (+850 μm): 0.1%

+ 50 mesh (+300 μm): 47%

+ 80 mesh (+180 μm): 47%

- 80 mesh (-180 μm): 6%

Typical Size Distribution

