

PRODUCT DATA SHEET. NO.1 FLAKE GRAPHITE.

General Product Description

No.1 Flake Graphite is a large, high purity, natural Flake Graphite.

Typical Uses.

Lubricants and Packings

Conductive Coatings.

Brake Linings.

Lubricating backing for high speed sanding machines.

Typical Chemical Analysis.

Graphitic Carbon. 94%

The residual expressed as a percentage of the remaining 6% is as follows.

Sulfur	00.18%
Silica	47.65%
Alumina	27.15%
Iron Oxide	15.23%
Phosphorus	00.35%
Calcium	1.98%
Magnesium oxide	3.36%
Sodium Oxide.	0.85%
Potassium Oxide	2.43%
Titanium Oxide	1.03%
Sulfur Trioxide	0.06%

Typical Screen Analysis.

Residue on 600 micron screen	4.00%
Residue on 500 micron screen	15.00%
Residue on 400 micron screen	34.00%
Residue on 300 micron screen	88.00%
Passing through 200 microns.	12.00%