

TECHNICAL DATA SHEET

+80 Mesh Natural Flake Graphite

Indicative Characteristics

Available Grades: 94% to 99% Graphitic Carbon
 Particle Size Distribution: > 80% +80 Mesh (> 180 μ)
 Moisture Content: < 0.5% (< 0.1% available)
 Volatile Matter: 1.3% (< 0.4% available)
 Sulphur: 0.01%
 Loose Bulk Density: 0.55g/cm³ or 34.5 lb/cu.ft

Ash Analysis		Trace Elements (ppm)	
Silica	SiO ₂ 54.1%	Antimony	0.1
Alumina	Al ₂ O ₃ 20.7%	Arsenic	1.8
Titania	TiO ₂ 0.2%	Beryllium	0.1
Ferric Oxide	Fe ₂ O ₃ 14.6%	Boron	21.1
Lime	CaO 5.0%	Cadmium	<0.1
Magnesia	MgO 1.4%	Chromium	112.2
Potassium Oxide	K ₂ O 2.4%	Cobalt	1.6
Sodium Oxide	Na ₂ O 0.7%	Copper	4.9
Sulphur Trioxide	SO ₃ 0.3%	Gold	<0.1
Phosphorous Pentoxide	P ₂ O ₅ 0.4%	Lead	1.3
Strontium Oxide	SrO 0.1%	Lithium	12.3
Barium Oxide	BaO 0.1%	Molybdenum	<1.0
Manganese Oxide	Mn ₃ O ₄ 0.1%	Nickel	475.6
		Selenium	0.2
		Silver	<0.2
		Tin	<0.2
		Vanadium	3.1
		Zinc	40.4
		Zirconium	<1.0