

Specification Sheet

Graphite Rod

(C, 99.9%, Dia: 6mm, Length: 102mm)

Stock No: NS6130-10-1296, CAS: 7782-42-5

Product	:	Graphite Rod
Stock No	:	NS6130-10-1296
CAS No	:	7782-42-5
Purity	:	99.9%
Diameter	:	6mm
Length	:	102mm
Color	:	Black Solid
Molecular Weight	:	12.01g/mol
True Density	:	2.267 g/cm ³
Melting Point	:	3652 – 3697 °C
Boiling Point	:	4200 °C
Thermal Conductivity	:	119-165 W/m/K
Electro Negativity	:	2.55 Pauling's
Heat of Vaporization	:	128 K-Cal/gm atom at 4612 °C
Apparent Density	:	1.72 (g/cc)
Flexural Strength	:	4,200 (psi)
Specific Resistance	:	00040
Grain Size	:	008 (inch)
Ash	:	1000 ppm
Main Inspect Verifier	:	Manager QC

Note: Product Specification are subject to amendment and may change over time

Characterization of Graphite Rod



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