

Specification Sheet

Pyrolytic Graphite Rod

(C, Purity: 99.9%, Dia.40mm, Length: 300mm)

Stock No: NS6130-10-1554, CAS: 7782-42-5

Product	:	Pyrolytic Graphite Rod
Stock No	:	NS6130-10-1554
CAS No	:	7782-42-5
Purity	:	99.9%
Molecular Weight	:	12.01g/mol
Density	:	1.8(g/cm ³)
Melting Point	:	3652 - 3697 °C (sublimes)
Thermal Conductivity	:	6.0 W/m-K
Compress strength	:	100Mpa
Bending Strength	:	45-55Mpa
Thermal Expansion	:	4.9 μm/m-K
Vickers Hardness	:	83GPa
Young's Modulus	:	21 Gpa
Tensile Strength	:	18 MPa (Ultimate)
Main Inspect Verifier	:	Manager QC

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