

Specification Sheet

HfO₂, Purity: >99.99%, APS: 50-60nm

Stock No: NS6130-12-000653, CAS: 12055-23-1

Product	:	Hafnium Oxide Powder
Stock No	:	NS6130-12-000653
CAS	:	12055-23-1
Purity	:	>99.99%
APS	:	50-60nm
Molecular Formula	:	HfO ₂
Molecular Weight	:	210.49g/mol
Form	:	Powder
Color	:	White
Density	:	9.7g/cm ³
Melting Point	:	~2758 °C
Boiling Point	:	5400°C
Thermal Expansion	:	6.0 μm/m-K
Thermal Conductivity	:	1.1W/m-K
Young's Modulus	:	57 GPa
Electrical Resistivity	:	9 10x Ω-m
Solubility	:	Insoluble in water
Main Inspect Verifier	:	Manager QC

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