

Technical Data Sheet

Product Name: Silicon Nitride Powder
Catalog No.: NR0103
Appearance/Color: Black Powder
Particle Size: Customize
Purity: >99%



Properties

	Specification
CAS Number	12033-89-5
Chemical Formula	Si ₃ N ₄
Density	4.0 m ² /g
Particle Size	Customized
Purity	> 99%
Molecular Weight	140.28
Appearance	Black gray powder
Melting Point	1900 °C, 2173 K, 3452 °F
Density	3.44 g/mL at 25 °C (lit.)
Electrical Resistivity	11 to 12 10 ^x Ω-m
Poisson's Ratio	0.24 to 0.27
Specific Heat	720 to 800 J/kg-K

Stanford Advanced Materials

By..... *Woman*