



SILICON  
NITRIDE NANOPOWDER

Silicon Nitride has the most versatile combination of mechanical, thermal, and electrical properties of any technical ceramic material. Silicon nitride ceramics is superior to other materials due to its thermal shock resistance. Properties of silicon nitride is High strength over a large temperature range, High fracture toughness, lightweight-low density, high hardness and resistance, low thermal expansion, thermal shock resistance



NEXT





# A P P L I C A T I O N S

- ✓ Cutting tools
- ✓ Valves, turbocharger
- ✓ Turbine blades
- ✓ Molten metal handling
- ✓ Welding nozzles
- ✓ Thermocouple sheaths



## SPECS

- ✓ Purity: 99.9%
- ✓ Molecular Weight: 140.28 g/mol
- ✓ Color: Gary
- ✓ Density: 3.52 g/cm<sup>3</sup>
- ✓ Melting Point: 1900°C

**All types of particles size are available in micro and nano range.**

CATALOGUE NO.

• **NS6130-02-210**



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