

## Hot Pressed Silicon Nitride Ceramic

Catlog Number: NBDM-0034

### • Basic Information

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Appearance: Black

Major Chemical Constituents:  $\text{Si}_3\text{N}_4$

Theoretical Density: 3.18-3.40  $\text{g/cm}^3$

Compressive Strength: 3000 MPa

Three-Point Bending Strength: 970 MPa

### • Applications

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It is used in the petrochemical, aerospace, and automotive industries for manufacturing high-temperature parts.

### • Features

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High strength and toughness, low density and lightweight, biocompatibility

### • Storage

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Store in a cool, dark, sterile, and moisture-free environment.

 For Research or Industrial Raw Materials, Not For Personal Medical Use!