

Silicon Carbide Ceramic Material

Catlog Number: NBDM-0037

• Basic Information

Appearance: Black

Major Chemical Constituents: SiC

Theoretical Density: 3.1 g/cm³

Elastic Modulus: 410 Gpa

Vickers Hardness (HV10): 2100

Compressive Strength: 2600 MPa

Three-Point Bending Strength: 400 MPa

• Applications

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

• Features

High-temperature resistance, electrical insulation and dielectric properties, biocompatibility

• Storage

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

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