



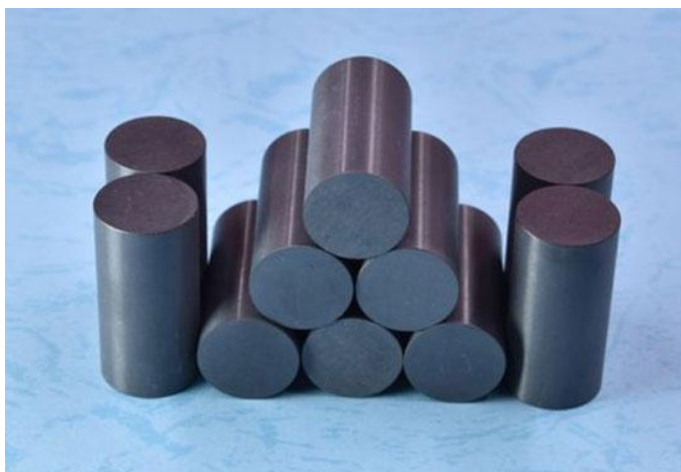
Silicon Nitride Welding Rod

Silicon Nitride is an ideal material for making the welding rod. Nextgen Advanced Materials provides silicon nitride welding rod, pin and regularly used rods with good quality and fast delivery. Customization is available.

Product Description

You are welcomed to come to our factory to buy the latest selling, low price, and high-quality Nextgen Silicon Nitride Welding Rod. We look forward to cooperating with you. Our company has introduced various R&D and testing equipment and instruments to make our R&D, production management and testing capability reach the advanced level of the same industry. We now have a complete line supporting production lines to ensure perfect quality and the fastest delivery time.

Silicon nitride welding rod is a man-made compound synthesized through several different chemical reaction methods. Due to the even performance in high temperatures, Si_3N_4 is a commonly used ceramic material in the metallurgical industry. It has excellent thermal shock resistance due to the microstructure. The creep and oxidation resistance of Si_3N_4 is also superior, its low thermal conductivity and high wear resistance also make it an outstanding material that can withstand conditions of most industrial applications.



Specification

| Item | Parameter |
|----------|-----------|
| Diameter | 1-20mm |



| | |
|---------------------------|--------------------------|
| Color | Black |
| Density | 3.21 g/cm ³ |
| Flexural strength | 800 MPa |
| Fracture toughness | 6.5 MPa m ^{1/2} |
| Thermal stress parameters | 569 K |