

NS6130-12-001900

BARIUM ZIRCONATE

Nanopowder

Quick Facts

| | | |
|-------------------|---|------------------------------|
| Product | : | Barium Zirconate Nano Powder |
| Stock No | : | NS6130-12-001900 |
| CAS | : | 12009-21-1 |
| Molecular Formula | : | BaZrO ₃ |
| Purity | : | 99.9% |

Technical Specification

| Molecular Weight | Density | Melting Point | APS |
|------------------|------------------------|---------------|----------|
| 276.55 g/mol | 5.52 g/cm ³ | 2500 °C | 80-100nm |

Barium Zirconate has excellent dielectric properties, temperature characteristic and chemical indicators, are widely used in ceramic capacitors, PTC thermistors, filter, microwave device, plastic, modified, welding materials, brake pads, and performance improvement of the organic matter. Barium zirconium oxide is involved in the preparation of its nano powder, which finds application in the gas sensing performance of thick films especially with ammonia gas. Copper(II) oxide doping with yttrium-doped barium zirconate is used as an electrolyte in solid oxide fuel cell.



* This image is for graphic purposes only and does not represent the actual product.

