

YTTRIUM BARIUM COPPER OXIDE POWDER

Stock No: NS6130-12-001888



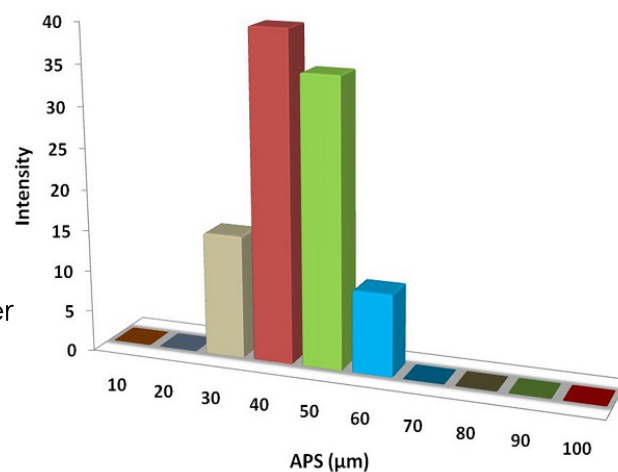
Follow us:



| www.nanoshel.com | sales@nanoshel.com

Yttrium Barium Copper Oxide Powder

Yttrium barium copper oxide (YBCO) is a family of crystalline chemical compounds, famous for displaying high-temperature superconductivity. Superconducting materials are finding use as magnets in magnetic resonance imaging, magnetic levitation, and Josephson junctions. Use of this material in technological applications is associated with processing of the material. Oxide materials such as this are brittle, and forming them into superconducting wires by any conventional process does not produce a useful superconductor.



Quick Facts

Product	:	Yttrium Barium Copper Oxide Powder
Stock No	:	NS6130-12-001888
CAS	:	107539-20-8
Purity	:	99.9%
APS	:	40-60μm

Technical Specification

Molecular Formula	Molecular Weight	Density	Melting Point
YBa ₂ Cu ₃ O ₇	666.19 g/mol	6.3 g/cm ₃	>1000 °C

