

NS6130-02-220

BARIUM FERRITE

Quick Facts

Nano	part	icles

Product	:	Barium Ferrite Nanoparticles
Stock No	:	NS6130-02-220
CAS	:	12047-11-9
Molecular Formula	:	BaFe12O19
Form	:	Powder

Purity 99.9%

Technical Specification

Molecular Weight	Density	Melting Point	APS
1111.46 g/mol	5.28 g/cm ³	1316°C	60nm

Barium ferrite has been considered for long term data storage. The material has proven to be resistant to a number of different environmental stresses, including humidity and corrosion. Barium ferrite is used in applications such as recording media, permanent magnets, and magnetic stripe cards (credit cards, hotel keys, ID cards). It is used in textile, fibers, plastics, and coating manufacturing industries for retardation purposes. It is being used in certain applications such as antennas, radar systems, electromagnetic shields, and tunable filters.



Application

- ✓ Magnetic Stripes
- ✓ Speaker magnets
- ✓ Linear Tape-Open
- Magnetic fingerprint



BaFel2019 APS 60nm



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