

BISMUTH

Ferrite

Bismuth ferrite (BiFeO_3), is an inorganic chemical compound with a perovskite structure and an unusual compound of bismuth, iron, and oxygen (BFO). BiFeO_3 is perhaps the only material that is both magnetic and a strong ferroelectric at room temperature. Multiferroic materials exhibit ferroelectric or anti-ferroelectric properties in combination with ferromagnetic (or antiferromagnetic) properties in the same phase. As a result, an electric field can induce change in magnetization and an external magnetic field can induce electric polarization.

BiFeO_3

CAS
12010-42-3

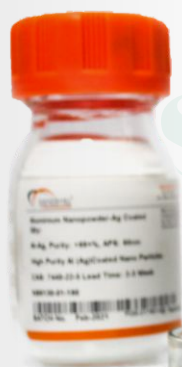
NS6130-12-000667

Quick Facts

Product	:	Bismuth Ferrite
Stock No	:	NS6130-12-000667
CAS	:	12010-42-3
Form	:	Powder

TECHNICAL Specification

APS	:	40-50 μm
Purity	:	99.9%
Molecular Weight	:	312.82g/mol
Density	:	8.22g/cm ³
Melting Point	:	1255°C



Packing Sizes:

25Gms, 50Gms, 100Gms, 500Gms & Bulk Orders



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INTELLIGENT MATERIALS PVT LTD
Derabassi
Punjab (140507)
INDIA

+91 9779 550077, 9779238252



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19ZA2GO1274G



2021CE4588M

ISO 9001:2015
CERTIFIED COMPANY

NANOSHEL UK LIMITED
Chapel House,
Chapel St Cheshire,
CW12 4AB United Kingdom

+44 (0) 74 105 488, +44 203 137 5187

NANOSHEL LLC
3422 Old Capitol Suit
1305 Wilmington DE - 19808
United States

+1 646 470 4911