

NS6130-02-232

STRONTIUM DODECAIRON

Nanodecaoxide NPs

Quick Facts

Product	:	Strontium Dodecairon Nanodecaoxide NPs
Stock No	:	NS6130-02-232
Color	:	Black
Molecular Formula	:	SrFe ₁₂ O ₁₉
Form	:	Powder

Purity
99.8%

Technical Specification

Molecular Weight	Density	Melting Point	APS
1061.77g/mol	5.18g/cm ³	>450°C	100-200nm

Strontium Dodecairon Nonadecaoxide Nanopowder (SrFe₁₂O₁₉) is well known for its high coercivity due to its magnetocrystalline anisotropy. SrFe₁₂O₁₉ has been widely used in industrial applications as permanent magnets and, because they can be powdered and formed easily, they are finding their applications into micro and nano-types systems such as biomarkers, bio diagnostics and biosensors

Application

- ✓ Strontium is used as an additive to flares, pyrotechnics
- ✓ Provides high refractive index to glass
- ✓ Polymers, Textiles, Fuel Cell Layers
- ✓ Solar Energy materials
- ✓ Bio diagnostics and biosensors



SrFe₁₂O₁₉
APS 100-200nm



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20ZICE4589C



19ZAZGO1274G



20ZICE4588M

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