

3M™ 11B Enriched Boron Trifluoride, ¹¹BF₃

Application : ¹¹BF₃ is source materials for P-type ion implantation doping process.

¹¹BF₃

Isotopic Enrichment

B-11 (Wt %) > 99.8%

Chemical Purity

BF₃ > 99.99%

Chemical Impurity	Spec (ppmv)	Analysis Method
N ₂	< 15	GD/DID
O ₂ + Ar	< 15	GD/DID
CO ₂	< 15	GC/DID
SO ₂	< 15	FTIR
HF	< 15	FTIR
SiF ₄	< 15	FTIR

* ICP-MS : Inductively Coupled Plasma Mass Spectrometry

* GC/DID : Gas Chromatograph Discharge Ionization Detector

* FTIR : Fourier Transform Infrared

* ppmv : Parts Per Million By Volume