

¹¹Boron Trifluoride Electronic Grade.



¹¹BF₃ has applications in silicon semiconductor manufacturing as a P-type dopant. It is used where shallow, high concentration boron doping is needed. It can be applied via ion implantation or chemical vapor deposition(CVD). ¹¹BF₃ is a colorless, toxic, non-flammable, corrosive high pressure gas.

Grade	DSM
	Impurities (ppmv gas phase)
Boron Trifluoride	>99.995%
¹¹ B Enrichment	>99.9 atom%
N ₂	10
O ₂ + Ar	10
CO ₂	10
H ₂ O	1
HF	3
SO ₂	1
SiF ₄	15

Shelf life: 3 Years

A large variety of cylinder sizes and valve options are available. Please inquire about specific packaging needs.

Linde Electronics and Specialty Gases

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