

Hexafluorobutadiene (C₄F₆)

VLSI Grade

Total Purity >99.9%

Description

C₄F₆ (Hexafluoro-1,3-butadiene) is used for dielectric etch applications. Hexafluoro-1,3-butadiene is a toxic, colorless, odorless, flammable liquefied compressed gas.

Specifications

Carbon Monoxide (CO)	≤ 10 ppmv
Carbon Dioxide (CO ₂)	≤ 40 ppmv
Active Fluorides (HF)	≤ 10 ppmv
Fluorocarbons	≤ 790 ppmv
Nitrogen (N ₂)	≤ 40 ppmv
Isopropyl Alcohol (IPA)	≤ 20 ppmv
Oxygen and Argon (O ₂ & Ar)	≤ 10 ppmv
Water (H ₂ O)	≤ 20 ppmv

Standard Package Information – Asia & North America

Material Number	112396
Cylinder Size	44L Steel
Fill Weight (kgs)	45
Valve Connection	Manual DISS 724
Cylinder Dimensions (in)	9x51

Standard Package Information – Asia

Material Number	112309
Cylinder Size	44L Steel
Fill Weight (kgs)	22.7
Valve Connection	Manual CGA 350
Cylinder Dimensions (in)	9x51

For More Information

If you would like additional information or technical assistance, write or call Air Products and Chemicals, Inc. at one of the following locations.

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