

# Halocarbon - 116 (Hexafluoroethane)

A non-flammable gas  
negligibly soluble in water and slightly soluble in alcohol

## TECHNICAL INFORMATION

Chemical Symbol	C <sub>2</sub> F <sub>6</sub>
Molecular Weight	138.01
Specific Volume	2.8
CAS Registry Number	76-16-4

## SHIPPING INFORMATION

DOT Proper Name	Hexafluoroethane
Hazard Class	2.2
ID Number	UN 2193
Labels	Nonflammable Gas

## CYLINDER SIZES AVAILABLE

Std. Cylinder Sizes*	Contents	Cylinder Pressure (PSIG)	CGA Valve Connection
300	114/LB	430	660

\*Nonstandard cylinder sizes available upon request

## Specifications Subject to Change Call to Confirm

Grade	Purity	Impurity	Specifications	Equipment Recommended
4.6 (semiconductor Process Gas)	99.996%	O <sub>2</sub> N <sub>2</sub> CO CO <sub>2</sub> H <sub>2</sub> O Other Halocarbons Acidity (HCl)	<5ppm <20ppm <1ppm <3ppm <2ppm <10ppm <0.05ppm/w	3102
3.6 (semiconductor Process Gas)	99.96%	O <sub>2</sub> N <sub>2</sub> CO CO <sub>2</sub> H <sub>2</sub> O Other Halocarbons Acidity (HCl)	<25ppm <100ppm <5ppm <10ppm <50ppm <0.1ppm/w	3102

This information in no way replaces the Safety Data Sheets (SDS) for use and safety standards.  
Please refer to the SDS for details.

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