



Zyron®

electronic gases

Zyron® 116N5 Bulk

Product Specifications

Property	Unit	Minimum	Maximum
Organic Purity	vol%	99.99995	—
Impurities, Other Organic	vol, ppm	—	0.500
Water	vol, ppm	—	1.500
Acidity as HCl	ppb	—	100
Oxygen	vol, ppm	—	2.000
Nitrogen	vol, ppm	—	8.000
Carbon Monoxide	vol, ppm	—	0.500
Carbon Dioxide	vol, ppm	—	0.500

Physical Properties

Property	Unit	Typical Value
Chemical Name	—	Ethane, Hexafluoro
CAS No.	—	76-16-4
Chemical Formula	—	C ₂ F ₆
Molecular Weight	—	138.01
Boiling Point at 1 atm	K (°F)	194.9 (-108.8)
Liquid Density	—	NA
Vapor Pressure at 25°C (77°F)	—	NA
Flammability Limits	vol%	None
Ozone-Depletion Potential	—	0
GWP	—	9,200
Lifetime, years	—	10,000
TSCA-Reported/Included	—	Yes
Toxicity, AEL	vol, ppm	1,000

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