



Silane

A colorless, flammable gas with a sharp, repulsive smell, somewhat similar to that of acetic acid

Middlesex Gases
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TECHNICAL INFORMATION

Chemical Symbol	SiH ₄
Molecular Weight	32.12
Specific Volume	
CAS Registry Number	7803-62-5

SHIPPING INFORMATION

DOT Proper Name	Silane
Hazard Class	2.1
ID Number	UN 2203
Labels	Highly Flammable Gas

CYLINDER SIZES AVAILABLE

Std. Cylinder Sizes*	Contents	Cylinder Pressure (PSIG)	CGA Valve Connection
150AL	5KG	976	350/632
200	5KG	1040	350/632

*Nonstandard cylinder sizes available upon request

Specifications Subject to Change Call to Confirm

Grade	Purity	Impurity	Specifications	Equipment Recommended
4.7 Semiconductor Process Grade	99.997%	AR CO ₂ CO Total Chlorosilanes He H ₂ CH ₄ N ₂ O ₂ H ₂ O Resistivity	<1ppm <0.5ppm <0.5ppm <0.5ppm <5ppm <100ppm <0.5ppm <5ppm <0.1ppm <2ppm >/=7,500 Ohm-cm	Call for Recommendation
4.0 Semiconductor Process Gas	99.99%	Ar CO ₂ CO Total Chlorosilanes He H ₂ CH ₄ N ₂ O ₂ H ₂ O Resistivity	<15ppm <1ppm <1ppm <1ppm <30ppm <200ppm <1ppm <20ppm <1ppm <23ppm >/=5,000 Ohm-cm	Call for Recommendation

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