

Methane



High purity methane is produced from liquefied natural gas by a combination of purification techniques including molecular sieve and cryogenic fractional distillation.

Standard Specifications

PURITY / ASSAY	2.5	4.0	4.5	5.0	5.5
IMPURITIES (MOL %)	99.5%	99.99%	99.995%	99.999%	99.9995%
Nitrogen	< 2000	< 40	< 20	< 5	< 1
Oxygen	< 500	< 5	< 5	< 2	< 1
Ethane		< 60	< 30	< 5	< 3
Other hydrocarbons	< 3000	< 10	< 5	< 2	< 1
Moisture**	< 10	< 5	< 5	< 2	< 1
Total Impurities	< 5000	< 100	< 50	< 10	< 5

**Moisture Specification only guaranteed if cylinders prepared by AGT International

Standard Cylinder Sizes and Fill Volumes

CYLINDER INFORMATION

CYLINDER SIZE	FILL VOLUME (M3)
H49	10.2
H44	7.4
H16	2.8
H7	1.1

Technical Information

TECHNICAL DATA		SHIPPING INFORMATION	
Molecular Weight (g/mol)	16.043	Shipping Name	Methane, compressed
Liquid Density (kg/m³)	422.6	Hazard Class	2.1
Gas Density (kg/m³)	1.189	UN No.	UN 1971
Boiling Point (0°C)	-161.6	Hazard Label	Flammable Gas
Specific Volume (m³/kg)	1.48	CAS No.	630-08-0
Vapour Pressure (bar.a)	N/A		
Valve Outlet	CGA 350 / BS 4		

AGT INTERNATIONAL
AGT International provides businesses with Shorter lead times, Higher Inventory Levels, Guaranteed Quality and Lower Costs.

PRODUCTS

AGT International supplies a comprehensive range of hydrocarbon gases and liquids and associated special gases.

CYLINDERS

AGT International has a wide range of cylinders and bulk containers available for either purchase or rent as well as being able to fill customer owned cylinders.

CONTACT

Please contact us if the specification you require is not shown above. AGT International is able to custom manufacture different specifications according to your requirements.
<http://www.agti.biz/>