



Dimethyl Ether

A colorless, flammable gas shipped as a liquid under its own vapor pressure

TECHNICAL INFORMATION

Chemical Symbol	(CH ₃) ₂ O
Molecular Weight	46.07
Specific Volume	8.4 ft ³ /lb (0.524 m ³ /kg)
CAS Registry Number	115-10-6

SHIPPING INFORMATION

DOT Proper Name	Dimethyl Ether
Hazard Class	2.1
ID Number	UN 1033
Labels	Flammable Gas

CYLINDER SIZES AVAILABLE

Std. Cylinder Sizes*	Contents	Cylinder Pressure (PSIG)	CGA Valve Connection
350	100	62.3	510
30	16	62.3	510

*Nonstandard cylinder sizes available upon request

Specifications Subject to Change Call to Confirm

Grade	Purity	Impurity	Specifications	Equipment Recommended
2.8 (Chemically Pure)	Min 99.8 wt% (Liquid Phase)	Other Volatiles Sulfur Compounds Moisture Non-Volatile Residue	Max 0.2 wt% Max 500ppm/w, Max 100ppm/w, Max 50g/100ml	3103
2.5 (Technical)	> 99.5% (Liquid Phase)	Total Impurities	< 0.5%	3103

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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