

Diborane (B₂H₆) in Hydrogen (H₂) Mixture

Specifications

Hydrogen	
Total Purity	≥ 99.9999%
Carbon Dioxide (CO ₂)	≤ 0.1 ppmv
Carbon Monoxide (CO)	≤ 0.1 ppmv
Nitrogen (N ₂)	≤ 0.1 ppmv
Oxygen (O ₂)	≤ 0.1 ppmv
Total Hydrocarbons (THC)	≤ 0.1 ppmv
Water (H ₂ O)	≤ 0.2 ppmv
Diborane	
Total Purity	≥ 99.99%
Carbon Dioxide (CO ₂)	≤ 5ppmv
Methane (CH ₄)	≤ 20 ppmv
Nitrogen (N ₂)	≤ 10 ppmv
Oxygen (O ₂)	≤ 1 ppmv

Standard Package Information – Europe

% of diborane in mixture	0.5%	2%
Material Number	157173	156778
Container Size	50L	50L
Volume SCF	205	205
Volume NM3	5.4	5.4
Valve Connection	DISS632	DISS632

Standard Package Information – North America

% of diborane in mixture	0.5%	2%
Material Number	162750	162764
Container Size	44L	44L
Volume SCF	166	166
Volume NM3	4.7	4.7
Valve Connection	DISS632	DISS632

Standard Package Information – Asia

% of diborane in mixture	0.5%	2%
Material Number	163665	163821
Container Size	44L	44L
Volume SCF	134	134
Volume NM3	3.8	3.8
Valve Connection	DISS632	DISS632

For More Information

If you would like additional information or technical assistance, write or call Air Products and Chemicals, Inc. at one of the following locations.

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