



Product Specification

PROPANE (C₃H₈)

General Characteristics: A colorless, flammable, liquefied and odorless gas.

Health Hazards: A simple asphyxiant

Gas Grade/Purity	Cylinder Size	Contents	Product Code
RESEARCH Min. Purity: 99.99% CO/ CO ₂ < 2 ppm, H ₂ O < 1 ppm, N ₂ < 10 ppm, O ₂ < 2 ppm, Other HC < 50 ppm	110 LP	45 kg	C3H84NR
	18 LP	9 kg	C3H84NG
	LB	170 g	C3H84NLB
INSTRUMENTAL Min. Purity: 99.5% Liquid Phase	110 LP	45 kg	C3H82N5R
	18 LP	9 kg	C3H82N5G
	LB	170 g	C3H82N5LB
CHEMICALLY PURE (CP) Min. Purity: 99.0% Liquid Phase	110 LP	45 kg	C3H82NR
	18 LP	9 kg	C3H82NG
	LB	170 g	C3H82NLB

Cylinder Specification

Cylinder Size	Cylinder Dimension Diameter x Height	Connection	Content
110 LP	57 cm x 113 cm approx.	CGA 510	Net content : 45 kg Pressure@70°F: 109 psig
18 LP	30 cm x 46 cm approx.	CGA 510	Net content : 9 kg Pressure@70°F: 109 psig
LB	5 cm x 30 cm approx.	CGA 180	Net content : 170 g Pressure@70°F: 109 psig

Technical Information

Molecular Weight	44.11	Dot Name	Propane, Compressed
Specific Volume	8.50CF/lb	UN No.	UN1978
Fire Potential	2.1 - 9.5 % in Air	Dot Class	2.1
TLV-TWA	None established	Dot Label.....	Flammable Gas
CGA Valve	510	Cas Registry	74-98-6
LB	180	Cylinder Pressure	109 psig