



# PROPANE $C_3H_8$

Colorless, flammable liquefied gas.

## SHIPPING INFORMATION

D.O.T. Proper Shipping Name: Propane  
I.D. Number: UN1978  
Hazard Class: 2.1  
Shipping Labels: Flammable Gas

## TECHNICAL INFORMATION

Molecular Weight: 44.1  
Specific Volume: 8.5 ft<sup>3</sup>/lb.  
CAS Registry: 74-8-6  
Safety Data Sheet Reference: PROPANE

## PRODUCT GRADE SPECIFICATIONS

Grade Name	Grade	Minimum Purity	Grade Code	Catalog Number <sup>1</sup>	Maximum Impurity Specifications in PPM by Volume <sup>2</sup> (unless otherwise specified)
					Sum of all Impurities <sup>2</sup>
Research	4.0	99.99%	RES	SG PRRES-	< 100 PPM
Instrument	2.5	99.5%	INS	SG PRINS-	<5000 PPM
Chemical Pure	2.0	99%	CP	SG PRCP-	< 1 %

**Notes:**

<sup>1</sup> Complete catalog number by selecting cylinder size code using chart below. Except for Disposables, "SG" will be replaced with "DSP".

<sup>2</sup> Liquid Phase Analysis. Specifications are typical results and are subject to change without notice.

<sup>3</sup> A complete list of impurities is available upon request.

## CYLINDER INFORMATION

Cylinder Size	Cylinder Size Code	Volume <sup>4</sup> lbs.	Pressure (PSIG) @ 70° F.	Valve Connection <sup>5</sup> CGA	Gross Weight (lbs.)
<b>Low Pressure Steel Cylinders</b>					
Jumbo	HTN	420	109	Dual 510 & 555	735
350	LP25	100	109	510 / 555	170
LP5	LP5	20	109	510 / 555	37
<b>Disposable Non-Refillable Cylinders</b>					
Lecture Bottle	LB*	0.375	109	*170	5

**Notes:**

<sup>4</sup> This product is sold by the cylinder. Fill volumes are approximate and may vary slightly depending on the cylinder manufacturer's specifications.

<sup>5</sup> Siphon tube with a CGA 555 for liquid withdrawal is available upon request. Add "S" at end of cylinder size code.

Contact your WestAir representative about equipment recommendations for this product.