

PROPANE N25 / C₃H₈

Air Liquide's Gas Encyclopedia - Pages: 601 - 620

Applications

Organic synthesis
R&D

Transport information

Compressed gases

Proper shipping name	Propane
UN-Nr	1978
ADR/RID	Class 2
	Classification code 2 F



Safety Data Sheets

Compressed gas : N° EIGA104
Access: <https://be.airliquide.com/>

Physical information

Molecular weight	44 g/mol
Relative density:	
Relative density, gas	1.5 (air=1)
Colour	Colorless
Odor	Fetid
CAS number	74-98-6

Properties

Hazards identification: Extremely flammable, can cause asphyxiation

Flammability range: 1.7 to 10.8 (% vol in the air)

Personal protection: Ensure adequate ventilation



Cylinder equipment

Valve fittings

Cylinder: B8 - W 21.8 x 1.814 left-hand, male

Shoulder colour:

Red (RAL 3000)



Product Specifications

Global purity (% Vol. abs) C_3H_8	Impurities (ppm-mol)		Supply mode	Packaging size	Pressure	Capacity	Product reference
≥ 99,5 %	H ₂ O	< 50	Cylinder	10L DIP TUBE	6.5 bar	4,2 kg	P0542S10T0A001
	O ₂	< 200	Cylinder	50L DIP TUBE	6.5 bar	21 kg	P0542L50T0A001
	H ₂	< 100	Cylinder	83L DIP TUBE	6.5 bar	34 kg	P0542L83T0A001
	CO ₂	< 50					
	N ₂	< 800					
	C ₃ H ₆	< 1000					
	CnHm	< 2800					

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