

PROPYLENE N25 / C₃H₆



Air Liquide's Gas Encyclopedia - Pages: 583 - 589

Applications

Organic synthesis
R&D

Transport information

Liquified Gases

Proper shipping name	Propylene
UN-Nr	1077
ADR/RID	Class 2
	Classification code 2 F



Safety Data Sheets

Liquefied gas : N° EIGA105
Access: <https://be.airliquide.com/>

Physical information

Molecular weight	42 g/mol
Relative density:	
Relative density, gas	1.5 (air=1)
Colour	Colorless
CAS number	115-07-01

Properties

Hazards identification: Extremely flammable, can cause asphyxiation

Flammability range: 1.8 to 11.2 (% vol in the air)



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 ₃ H ₆	Impurities (ppm v/v)		Supply mode	Packaging size	Pressure	Capacity (kg)	Product reference
> 99,5 %	H ₂ O	< 25	Cylinder	10L DIP TUBE	8 bar	4,3 kg	P0532S10T0A001
	O ₂	< 10	Cylinder	83L DIP TUBE	8 bar	35 kg	P0532L83T0A001
	Saturated CnHm	< 5 000					
	CO ₂	< 5					
	N ₂	< 200					
	H ₂	< 10					
	Unsaturated CnHm	< 20					
	Total sulphur (S)	< 2					

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