

ALPHAGAZ 2 OXYGEN

O₂

Air Liquide's Gas Encyclopedia – Pages: 1079 - 1120



ALPHAGAZ, the simple solution to enhance your analytical performance

ALPHAGAZ 2, the commitment to highest quality for ppm to ppb analysis

● Applications

Flame gas
Instrumentation gas

● Transport information

Compressed gas

Proper shipping name Oxygen, compressed
UN Nr 1072
ADR/RID Class 2
 Classification Code 1 O



● Safety Data Sheet

Access: www.airliquide.no

● Physical information

Molecular weight 32 g/mol
Relative density, gas 1.1 (air=1)
Relative density, liquid 1.1 (water=1)
CAS number 7782-44-7

● Properties

Hazards identification: oxidant, strongly supports combustion, may react violently with combustion materials
Flammability range: oxidiser
Personal protection: avoid O₂ rich (>21%) atmospheres

● Cylinder equipment

Valve fittings :
W 21.8 x 1/14", right, external thread, DIN 6
Shoulder colour: white (RAL 9010)



● Product Specifications

Global purity (% mol)	Impurities (ppm-mol)	Supply mode	Packaging size	Pressure (bar)	Capacity (m ³)	Product reference
O ₂						
≥ 99.9995	H ₂ O ≤ 0.5	Cylinder	S10	200	2.2	P0362S10R2A001
	C _n H _m ≤ 0.1	Cylinder	L50	200	10.9	P0362L50R2A001
	CO ≤ 0.1					
	CO ₂ ≤ 0.1					
	H ₂ ≤ 0.1					

Product recommended for analysis from ppm to ppb
Shelf life: 60 months

DISCLAIMER

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