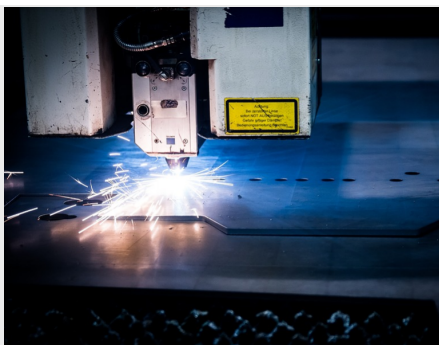


OXYGEN 2.5 / O₂



Air Liquide delivers oxygen throughout Europe in a mode of supply to suit each of our customer's needs: liquid, cylinder or onsite production

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

Applications

Oxidizing agent
Bleaching agent
Fuel cutting
Silicon oxidation (semiconductor manufacturing)

Transport information

Compressed gases

Proper shipping name	Oxygen, compressed
UN-Nr	1072
ADR/RID	Class 2
	Classification code 10



Safety Data Sheets

Compressed gas : SDS-097A-CLP

Access: https://drive.google.com/open?id=1St5SBZIO0TCYy3439-S0n6bXVPIWnU-N&usp=drive_copy

Physical information

Molecular weight	32 g/mol
Relative density:	
Relative density, gas	1,1 (air=1)
Colour	Colorless
Odor	Odorless
CAS number	7782-44-7

Properties

Hazards identification: Fatal if inhaled



Cylinder equipment

Valve fittings

BS 341 No. 3

Shoulder colour:

White (RAL 9010)



Product Specifications

Global purity (% Vol. abs) O ₂	Impurities (ppm v/v)	Supply mode	Packaging size	Pressure	Capacity	Product reference
≥ 99,5 %	H ₂ O ≤ 30	Cylinder	5L	230 bar	1,21 m3	I1015S05R4A001
	CO ≤ 2	Cylinder	10L	200 bar	2,13 m3	I1015S10R2A001
	CO ₂ ≤ 3	Cylinder	10L	230 bar	2,42 m3	I1015S10R4A001
	O ₂ + Ar ≤ 50	Cylinder	20L	200 bar	4,26 m3	I1015M20R2A001
		Cylinder	20L	230 bar	4,84 m3	I1015M20R4A001
		Cylinder	47L	200 bar	10 m3	I1015L47R2A001
		Cylinder	47L	230 bar	11,4 m3	I1015L47R4A001
		Bundle	V06*50L	230 bar	73,44 m3	I1015V06R4A001
		Bundle	V12	200 bar	127,68 m3	I1015V12R2A001
		Bundle	V14*47L	200 bar	140,03 m3	I1015V14Z2A001
		Bundle	V12	230 bar	146,88 m3	I1015V12R4A001
		Bundle	V16*50L	200 bar	170,24 m3	I1015V16R2A001
		Bundle	V16	230 bar	193,6 m3	I1015V16R4A001

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