

OXYGEN UHP



*the simple solution to enhance your analytical performance
the commitment to quality for % to ppm analysis*

• Applications

Flame gas
Instrumentation gas

• Transport information

Compressed gas

Proper shipping name
UN Nr
ADR/RID

Oxygen, compressed
1072
Class 2 Classification Code 10



• Safety Data sheets

Access:

• Physical information

Molecular weight 32 g/mol
Relative density, gas 1.1 (air=1)
Relative density, liquid 1.14 (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 (>23%) atmospheres

• Cylinder equipment

Valve: CGA 540
Cylinder color: Black



• Product Specification

Components (% Vol. abs)	Impurities (ppm v/v)		Supply mode	Packaging size	Pressure (bar)	*Capacity (m3)
O ₂						
≥ 99.999%	H ₂ O	≤ 1	Cylinder	47L	150	7
	CnHm	≤ 0.5				
	CO	≤ 0.5				
	CO ₂	≤ 0.5				
	N ₂	≤ 2				

*Typical capacities of the product are guaranteed for each cylinder in particular.

DISCLAIMER

The information contained in this Product Sheet is of a general nature and does not take into account any specific or local condition or regulation and shall neither be considered as recommendations. TIGCS assumes no liability or responsibility regarding the information contained in this Product Sheet, the completeness of this document, for the use of the information or consequences of such use, and disclaims all warranties (direct or indirect) of any kind.