

Oxygen

Oxygen is used in the wine industry for the micro-oxygenation process.

Description

Formula: O₂

Gas Data

Molecular Weight: 32
 Density: 1.326 kg/m³ @ 21.1°C, 101.325 kPa
 0.08279 lb/ft³ @ 70°F, 14.696 psia

Specific Volume: 0.7541 m³/kg @ 21.1°C, 101.325 kPa
 12.08 ft³/lb @ 70°F, 14.696 psia

Shipping Information

CAS Registry Number: 7782-44-7
 UN Number: UN 1072
 DOT Proper Shipping Name: Oxygen, Compressed
 DOT Classification: 2.2 (Nonflammable Gas)
 DOT Label: NON-FLAMMABLE GAS, OXIDIZER
 TC Shipping Name: Oxygen, Compressed
 TC Classification: 2.2, 5.1
 TC Label: NON-FLAMMABLE GAS
 NON-POISONOUS GAS, OXIDIZER

Cylinder Specifications

Cylinder Size	Content		Valve Outlet CGA No.
	US	Metric	
300	337	8.07	540
250	251	6.60	540
150	155	4.10	540
125	125	3.29	540
80	92	2.42	540
60	64	1.58	540
40	46	1.10	540
20	21	0.55	540