

Nitrogen

- Nitrogen is used to displace the atmosphere in storage tanks, barrels and bottles
- Nitrogen is the preferred gas used in the racking and sparging process

Description

Formula: N₂

Gas Data

Molecular Weight: 28.01
 Density: 1.153 kg/m³ @ 21.1°C, 101.325 kPa
 0.07199 lb/ft³ @ 70°F, 14.696 psia

Specific Volume: 0.8673 m³/kg @ 21.1°C, 101.325 kPa
 13.89 ft³/lb @ 70°F, 14.696 psia

Shipping Information

CAS Registry Number: 7727-37-9
 UN Number: UN 1066
 DOT Proper Shipping Name: Nitrogen, Compressed
 DOT Classification: 2.2 (Nonflammable Gas)
 DOT Label: NON-FLAMMABLE GAS
 TC Shipping Name: Nitrogen, Compressed
 TC Classification: 2.2
 TC Label: NON-FLAMMABLE GAS,
 NON-POISONOUS GAS

Cylinder Specifications

Cylinder Size	Content		Valve Outlet CGA No.
	US	Metric	
300	304	8.83	580
250	255	6.54	580
150	142	3.78	580
125	115	3.29	580
60	58	1.58	580
40	42	1.05	580
20	19	0.53	580