

DATA SHEET

Food Grade Argon

PROPERTIES

PHYSICAL & CHEMICAL



Molar mass: 39.948 g/mol
Melting point: -189°C
Boiling point: -185.9°C
Density of the gas phase (1.013 bar and 15°C): 1.691 kg/ma
Density of the liquid phase (1.013 bar at boiling point): 1.393 kg/
Gas density (1.013 bar at boiling point): 5.853 kg/m
Latent heat of fusion (1.013 bar at the triple point): 29.41 kJ/kg
Latent heat of vaporization (at 1.013 bar boiling point): 160.81 kJ/kg
Critical temperature: -122.3 °C
Critical pressure: 48.98 bar
Compressibility factor (Z) (1.013 bar and 15°C): 0.9993
Concentration in the air: 0.934% vol..



OPEN
24/7



APPLICATIONS :

- It is used as a packaging gas.
- Its non-reactive nature makes it compatible with food products. Without oxygen, the products are protected from spoilage by oxidation and are also protected from the proliferation of bacteria and fungi.
- Prevents oxidation of pigments and bacterial proliferation.
- Food packaging gas.
- Inerting gas

TECHNICAL INFORMATION :

Purity :	Impurities :				
Ar	O2	H2	N2	THC	H2O
≥ 99 %	≤ 1 ppm	≤ 1 ppm	≤ 1 ppm	≤ 100 ppm	≤ 500ppm

Conditioning :

GAr	LAr
B50	Cryogenic mobil tank

Rayan  X

" We are what we repeatedly do , Excellence therefore is not an act but a habit " Dr Tazi