

Argon refrigerated

Ar

Ar

Marking

CAS

Characterization acc. ADR

7440-37-1
UN 1951 ARGON,
REFRIGERATED LIQUID, 2.2,
(C/E)

Essential properties

gas, liquified, refrigerated, heavier than air, colorless, odorless

Symbols of risks



Physical Properties

molecular weight	39,948 kg/kmol
gas density at 0°C and 1,013 bar	1,784 kg/m ³
density ratio to air	1,3797

For additional safety information see safety data sheet *-AR-003B



Specification / receptacles				
		Argon 4.6 liq. bulk	Argon 5.0 liq. bulk	
Composition				
Ar	≥	99.996	99.999	Vol.-%
Impurities				
CO ₂	≤	0.5	0.5	ppmv
O ₂	≤	5	2	ppmv
N ₂	≤	20	5	ppmv
H ₂ O	≤	10	3	ppmv
HC (as CH ₄)	≤	-	0.5	ppmv