



920740 Lata 900g.-R22---"BlueStar"----

Common Data

Description

A colourless, non-flammable, non-toxic gas. In low concentrations it is odourless, in higher concentrations its odour is mild and somewhat ethereal. It is shipped in steel cylinders as a liquefied gas.

Physical Properties

Chemical Formula	chlorodifluoromethane
Boiling Point	
°C@101.3kPa	-40.8
°F@14.7psia	-41.5
Critical Temperature	
°C	96.2
°F	205.2
Purity	99.8
% by weight(min)	
Water Content	10
ppm by weight(max)	
Acidity	1.0
ppm by weight(max) (as HCl)	
Non Condensable Gasses	1.5
Content measured on vapour phase	
% by volume(max)	
Residues at High Boiling Point	0.01
% by volume(max)	
Chloride	pass
No visible turbidity	

Oil Compatibility

- Mineral oil
- POE

Classifications

H.S.Code	29034910.12
UN Number	1018
Class	2.2

Uses and Features

- R22 is very popular for use in all types of household and commercial refrigeration and air conditioning equipment with reciprocating rotary, scroll and screw compressors.
- The high refrigeration properties of R22 permit the use of smaller equipment--a considerable advantage where space is at a premium.

Material C

Metals

General Behavior:	Slight risk of corrosion in presence of water.
Aluminium	Satisfactory
Stainless Steel	Satisfactory

Plastics

	Acceptable but strong rate of permeation
PA(NYLON)	Satisfactory

Elastomers

Butyl rubber (IIR)	Acceptable but important swelling
Nitrile rubber (NBR)	Non recommended, significant swelling.

Package:

- Non-refillable cylinder of 6.8Kgs, 13.6Kgs, 22.7Kgs,
- Ton cylinder of 800Kgs
- Can of 340g, 750g
- ISO Tank of 18ton

