

SULFUR HEXAFLUORIDE N30 / SF₆



Air Liquide's Gas Encyclopedia - Pages: 861 - 866

Applications

R&D
Electrical engineering

Transport information

Compressed gases

Proper shipping name	Sulfur hexafluoride
UN-Nr	1080
ADR/RID	Class 2
	Classification code 2A



Safety Data Sheets

Liquefied gas : N° EIGA110
Access: <https://be.airliquide.com/>

Physical information

Molecular weight	146 g/mol
Relative density:	
Relative density, gas	5 (air=1)
Colour	Colorless
Odor	Odorless
CAS number	2551-62-4

Properties

Hazards identification: Gas under pressure

Flammability range: Non-flammable



Cylinder equipment

Valve fittings

Cylinder: B8 - W 21.8 x 1.814 left-hand, male

Shoulder colour:

Bright green (RAL 6018)



Product Specifications

Global purity (% Vol. abs) SF ₆	Impurities (ppm v/v)		Supply mode	Packaging size	Pressure	Capacity	Product reference
≥ 99,9 %	H ₂ O	≤ 15 wt.-ppm	Cylinder	10L	17.4 bar	10,4 kg	P0960S10R0A001
	O ₂ +N ₂	≤ 500 wt.-ppm	Cylinder	50L	17.4 bar	68 kg	P0960L50R0A001
	CF ₄	≤ 500 wt.-ppm					
	Oil	≤ 10 wt.-ppm					
	Hydrolysable Fluoride (HF)	≤ 1 wt.-ppm					
	Acidity (HF)	≤ 0.3 wt.-ppm					

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