

FLUOROCARBON R218
(OCTAFLUOROPROPANE)

Chemical formula: C₃F₈
EC number: 200-941-9 (EINECS)
CLP Notification number: 02-2119708805-36-0000
CAS number: 76-19-7

R218 is colorless, chemically inert gas, ODP = 0.

Applications: R218 is used as a working body for plasma chemical etching of semi-conducting materials, and as component of refrigerant compositions.

| Index designation | Unit | Guaranteed value | |
|---|--------|------------------|---------|
| | | Grade A | Grade B |
| Volume content of Octafluoropropane | %, min | 99,96 | 99,0 |
| Volume content of chromatographically determined impurities | %, max | 0,04 | 1,0 |
| Mass content of moisture | %, max | 0,001 | 0,002 |
| Mass content of acidity as per HF | %, max | 0,0001 | 0,0001 |
| Mass content of non-volatile residue | %, max | 0,002 | 0,002 |

Packing

R-218 can be packed in cylinders with the capacity from 5 to 50 dm³, from 80 to 100 dm³ designed for working overpressure at least 1.6 MPa.

ISO 9001

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