

# PERFLUOROETHYL IODIDE



**Manufacturer:**  
"HaloPolymer Perm", OJSC  
QMS for production is certified: ISO 9001

<b>CHEMICAL NAME:</b>	<b>Iodopentafluoroethane</b>
<b>SYNONYMS:</b>	<b>Pentafluoroethyl iodide; Perfluoroethyl iodide; Pentafluoroiodoethane; Iodoperfluoroethane; Perfluoroiodoethane; 1-Iodoperfluoroethane</b>
<b>CHEMICAL FORMULA:</b>	<b>C<sub>2</sub>F<sub>5</sub>I</b>
<b>CAS:</b>	<b>354-64-3</b>
<b>HS CODE:</b>	<b>2903799090</b>

At normal conditions is a colorless odorless gas, liquefied under pressure. It is non-flammable, non explosive.



## PHYSICAL-CHEMICAL PROPERTIES

PARAMETERS* <small>* According to the reference information</small>	UNITS	VALUE	
		Grade A	Grade B
Mass content of the base material	%	99,00	98,0
The total mass fraction of impurities, chromatographic method	%	1,0	2,0
including mass fraction of hexafluoroethane	%	0,5	1,0
Molecular weight		245,918	
Boiling point	°C	12-13	
Melting temperature	°C	-92	
Critical pressure	mPa	3	
Critical temperature	°C	141	
Critical density	kg/m <sup>3</sup>	217	
Density	kg/m <sup>3</sup>	2080	



### Main application:

Used as a raw material for the synthesis of fluorine-based surfactants, fluoroacrylates and fluoroorganic compounds.



### Package:

The product is poured into cylinders or containers designed for an operating overpressure of 1 MPa.



### Transportation and storage:

Pentafluoroiodoethane is transported by covered automobile and railway transport or in sea containers. It is stored in covered warehouses, providing protection from precipitation and sunlight, away from heating appliances.

Guaranteed storage time is 1 year from the date of production.