

PFHPA

PERFLUOROHEPTANOIC ACID



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

CHEMICAL NAME: Perfluoroheptanoic acid
SYNONYMS: Tridecafluoroheptanoic acid
CHEMICAL FORMULA: $C_7F_{13}O_2H$
CAS: 375-85-9

PFHPA is a white crystalline substance. Presence of liquid phase in the product allowed. Grayish or pinkish color of product is allowed. Soluble in acetone, diethyl ether and in fluorocarbons. Solubility in water is limited.



PROPERTIES	UNITS	VALUE	
		Grade A	Grade B
Mass content of PFHPA (min)	%	98	96
Boiling point	°C	175	
Melting point	°C	33,5	
Density at 20°C	kg/m ³	1792	
Molecular weight	-	364,06	
Mass content of water (max)	%	0,5	
Refractive index*	-	1,306	
Total mass content of impurities (max)	%	2,0	4,0

Note: *according to the reference information



Main application:

Used as a raw material for synthesis of functional compounds, which are used in processes of polymerization of fluorinated alkenes, or for synthesis of flotation reagents, and foaming agents for firefighting.



Package:

PFHPA pack into plastic canisters with capacity 5-20 dm³, or into aluminium canisters with capacity 40 dm³. By agreement with customer allowed to pack this product into other capacities, which are ensure the safety of the product during transportation and storage.



Transportation and storage :

PFHPA is transported by any kind of ground or sea transport in covered vehicles. Product must be stored in covered stock, at distance at least 1 meter from heating devices.

Guaranteed storage time - 3 years from the date of production.