

PERFLUOROTRIBUTYLAMINE



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

CHEMICAL NAME: Perfluorotributylamine
SYNONYMS: Fluosol 43; Fluorinert FC-43; PFTBA
CHEMICAL FORMULA: $N(CF_2CF_2CF_2CF_3)_3$
CAS №: 311-89-7

Transparent, colorless liquid. It is insoluble in water and most organic solvents. Nonflammable.



PHYSICAL-CHEMICAL PROPERTIES

PARAMETERS	UNITS	VALUE
Mass content of base material (min)	%	80
Molecular weight	-	670
Boiling point*	°C	178
Melting point*	°C	-50
Density*	kg/m ³	1860
Dielectric constant*	-	1,9
Refractive index*	-	1,291
Resistivity*	Om•cm	3,4 x 10 ¹⁵

* by literature data



Main application:

It is non-conductive, thermally and chemically stable liquid which is ideal for many single phase heat transfer fluid applications, especially in the electronics and semiconductor industry for testers, CVD and TFT manufacturing. It is used as a base component of artificial blood. Approved by the U.S. Food and Drug Administration (FDA) for medical usage in the circulatory system.



Package:

Perfluorotributylamine is packed into plastic canisters. By agreement with customer, it is allowed to pack the product into another capacities.



Transportation and storage:

The product is transported by any kind of transport in covered vehicles. The product is non-hazardous goods. Product is stored at temperature 2...25°C. Guaranteed storage time is 1 year from date of production.