

Technical isopropylbenzene

APPLICATION

It is intended for the synthesis of phenol-acetone and alpha-methylstyrene, as well as for use as a component of gasoline and for export.

Parameter name	Value	Test method	
Appearance	Colorless transparent liquid	GOST 2706.1	
Density at 20 °C, g/cm ³	0.861-0,863	GOST 18995.1	
Mass fraction of isopropylbenzene, %	No less than 99.7	TC 2414-092-05766563-2013	
Mass fraction of organic impurities, %, no more than: - non-aromatic compounds - ethylbenzene - n-propylbenzene - butylbenzenes and higher hydrocarbons	Not standardized 0.1 0.20 0.05		
Bromine number, g bromine per 100 cm ³ of product, no more	0.015		GOST 2706.11
Mass fraction of phenol, %, no more	0.002		TC 2414-092-05766563-2013
Mass fraction of sulfur, %	Nor standardized	GOST ISO 20884	
Mass fraction of chlorine, %, no more	0.001	TC 2414-092-05766563-2013	

TC 2414-092–05766563-2013 with amendments 1-4

HAZARD IDENTIFICATION

According to the degree of impact on the body, it belongs to low-hazard substances (class 4) in accordance with GOST 12.1.007. May be fatal if swallowed and enters the respiratory tract. May cause irritation of the respiratory tract. Flammable liquid. Vapors form explosive mixtures with air. Toxic to aquatic organisms with long-term effects.

TRANSPORTATION AND STORAGE

It is transported in special railway tanks in accordance with the "Rules for the transportation of liquid cargo in bulk in tank cars and bunker cars for the transportation of petroleum bitumen" and the "Rules for the transportation of dangerous goods by rail". In tank trucks in accordance with the "Rules for the transportation of dangerous goods by road", as well as in accordance with GOST 1510. Storage of technical isopropylbenzene is carried out in accordance with the requirements of GOST 1510

GUARANTEE OF MANUFACTURER

Guaranteed shelf life – 1 year from date of manufacture

The information contained in this document is given according to our knowledge at the time of publication. It is the responsibility of the customer to test our products to determine their suitability for the intended application. The manufacturer accepts no liability for loss/damage that may arise from the use of this information. UN number: 1918. Classification code: 3313 (GOST 19433), 3013 (railway transport).