

Alpha-methylsterol

APPLICATION

It is intended for the production of synthetic rubbers and latexes, plastics and other needs of the national economy and for export.

Parameter name	Value	Test method
Appearance	colorless or pale yellow transparent liquid	TC 38.103679-89
Mass fraction of alpha-methylstyrene, %, no less	99.7	TC 38.103679-89
Mass fraction of amount of n-propyl benzene and styrene, %, no more	0.03	
Colour on the platinum-cobalt scale (according to Hazen), Hazen units	not standardized	TC 38.103679-89
Refractivity at 20 °C	1.5382-1.5390	GOST 18995.2
Presence of polymer	Should stand the test	TC 38.103679-89
Mass fraction of phenol, %, no more	0.0005 (0.0015*)	TC 38.103679-89
Mass fraction of protective agent (para-tert butyl pyrocatechol), %	not standardized, determined upon request	TC 38.103679-89
Content of polymer, mg/kg		ASTM D 2121
Mass fraction of water, %		GOST 14870

* – when adding a phenic type protective agent

TC 38.103679-89 with amendments 1-5

HAZARD IDENTIFICATION

Highly hazardous substance according to its impact on the body (class 2) in accordance with GOST 12.1.007. Flammable liquid, vapors form explosive mixtures with air. Causes severe irritation when in contact with eyes. May cause an allergic reaction when in contact with skin. May cause irritation of the upper respiratory tract. Presumably, may adversely affect fertility or the unborn child. May be fatal if swallowed and subsequently inhaled. Toxic to aquatic organisms with long-term effects.

TRANSPORTATION AND STORAGE	<p>Transported by rail in bulk in tank cars in accordance with the rules for the transportation of dangerous goods in force for this type of transport.</p> <p>Transportation is permitted in tank cars with an upper discharge or with a universal discharge device equipped with a valve with three independent degrees of protection, as well as in special tanks. Models of tank cars must be approved for the transportation of alpha-methylstyrene in accordance with the established procedure. The boiler of the tank car must be made of low-alloy steel, corrosion-resistant steel or aluminum alloy. Filling hatches must have sealing gaskets made of gasoline-resistant rubber or paronite. Tanks are filled taking into account the full use of the tank capacity and the volumetric expansion of the product with a possible temperature difference along the route. Store under a layer of nitrogen with an oxygen mass fraction of no more than 0.1% or under carbon dioxide in steel or aluminum containers. Avoid overheating, impacts on tanks (both full and empty). Incompatible substances during storage are oxidizers, acids, alkalis.</p>
GUARANTEE OF MANUFACTURER	<p>Guaranteed shelf life of alpha-methylstyrene from the date of manufacture:</p> <ul style="list-style-type: none"> - stabilized – one month; - non-stabilized – four days.

The information contained in this document is provided 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: 2303. Classification code: 3313 (GOST 19433), 3013 (railway transport).