

STYRENE

GOST 10003-90 with Amendment 1

Properties	Superior grade	1 st grade
Styrene mass fraction, %, min	99,8	99,6
Phenylacetylene mass fraction, %, max	0,01	0,02
Divinyl benzene mass fraction, %, max	0,0005	0,0005
Carbonyl compounds (as benzaldehyde) mass fraction, %, max	0,01	0,02
Peroxide compounds (as active oxygen) mass fraction, %, max.	0,0005	0,0005
Polymer mass fraction, %, max	0,001	0,001
Colour, Pt-Co Scale, Hazen, max.	10	10
Stabilizer (para-tret-butyl-pyrocatechol) mass fraction, %, max	0,0005-0,0010	0,0005-0,0010

HAZARD IDENTIFICATION AND SAFETY REQUIREMENTS

Easily ignitable liquid with weak specific odour. Regarding influence on a human body belongs to 3rd class of danger – a substance of moderate danger. Complete safety requirements are written in the safety data sheet.

TRANSPORTATION

In railway tank cars, tank-containers, in bulk

APPLICATION

Production of expandable polystyrene, production of styrenic copolymers, manufacturing of UP/VE resins and formulated resins, FRP (fibre reinforced plastic) manufacturing in an industrial setting, production of styrene butadiene rubber, production of styrene butadiene latex, production of styrene isoprene copolymers, production of other styrene based polymeric dispersions, production of filled polyols.