

(GOST 10003-90)

Styrene is used for production of polystyrene plastics, SBR rubbers, lacquers and adhesives, expandable polystyrene plastics for constructions, ABS plastics and various thermoplastic elastomers. EB grade is produced by catalytic dehydrogenation of ethylbenzene. POSM grade is produced by dehydration of methylphenylcarbinol in the process of styrene / propylene oxide co-production.

MAIN QUALITY SPECIFICATIONS			
	TEST METHOD	EB Typical Value	POSM Typical Value
Styrene Mass Content, %, min.	§ 3.3. of GOST	99.80	99.80
Phenylacetylene Mass Content, %, max.	§ 3.3. of GOST	0.01	-
Methylethylacrolein Mass Content, %, max.	§ 3.3. of GOST	-	0.006
Divinyl Benzene Mass Content, %, max.	§ 3.3. of GOST	0.0005	-
Acetopenone Mass Content, %, max.	§ 3.3. of GOST	-	0.006
Carbonyls Mass Content in terms of Benzaldehyde, %, max.	§ 3.4. of GOST	0.01	0.01
Peroxidates Mass Content in terms of Active Oxygen, %, max.	§ 3.5. of GOST	0.0005	0.0005
Polymer Mass Content, %, max.	§ 3.6. of GOST	0.001	0.001
Platinum Cobalt Scale Colour, Hazen, max.	§ 3.7. of GOST	10	10
Para-tert-butyl-pyrocatechol Stabilizer Mass Content, %	§ 3.8. of GOST	0.0005-0.0010	0.0005-0.0010

Supply Form:	Transparent homogeneous liquid without mechanical impurities and undissolved moisture
Packaging:	Product is shipped in railway tank-cars and drums
Transportation:	Product is transported in covered railway and motor transport means
Storage:	Storage in stainless steel, aluminum and bimetallic reservoirs with internal layer of aluminum or carbon steel under a nitrogen blanket. Storage temperature should not exceed 20 °C.