

Styrene Monomer

Test Description	Test Method	Unit of Measure	Specification
Purity	ASTM D 5135	% wt.	99.70 min
Color	ASTM D 1209	APHA	10 max
Aldehydes (as benzaldehyde)	ASTM D 2119	% wt.	0.01 max
Inhibitor (as TBC)	ASTM D 4590	ppm wt.	14-18 (1)
Peroxides (as H ₂ O ₂)	ASTM D 2340	ppm wt.	50 max
Total Sulfur (as S)	ASTM D 5623	ppm wt.	5 max
Total Chlorides (as Cl)	UOP-395/96	% wt.	0.005 max
Density	ASTM D 4052	At 15°C	0.909-0.911
Ethyl Benzene	ASTM D 5135	ppm wt.	500 max
Polymers	ASTM D 2121	ppm wt.	10 max

Comments: Physical properties are not monitored constantly.