



Asia Petrochemicals LLC

Styrene Monomer

PRODUCT DESCRIPTION

Styrene (vinyl benzene, styrene monomer SM) is a colorless to yellowish oily liquid with a distinctive aromatic odor. It is sparingly soluble in water but soluble in alcohols, ethers and carbon disulfide. This valuable monomer is flammable, reactive and toxic. Styrene Monomer is a light liquid. It has a low vapor pressure and high refractive index. It is chemically reactive and undergoes polymerization readily (by heat, light or peroxide catalysts).

APPLICATIONS:

Styrene Monomer is used to make a variety of products, from expandable foam to higher end engineering plastics. End uses of styrene include food packaging, cabinets for electronics, CD holders, paper coatings, boat hulls and interior automotive components. In the construction industry, it is used to produce pipe products, tanks, lighting fixtures, insulation, and various corrosion resistant and rubber products.

Packing: Bulk, ISO Tanks & Drums

TEST DESCRIPTION	SPECIFICATION LIMITS		UNIT OF MEASURE	TEST METHOD
	Min	Max		
Styrene Monomer	99.5		%(w/w)	
Ethyl benzene		150	ppm	
Polymer		10	ppm	
Aldehydes as Benzaldehyde		100	ppm	
t-Butyl Catechol	10	15	ppm	
Peroxides		30	ppm	
Colour, APHA		15		ASTM D5386
Typical Values				
Chlorides as Cl		5	ppm	
Sulfur		2	ppm	
Specific Gravity @20/4°C	0.906	0.908		
Viscosity @20°C		0.800	centipoise	

For further information please visit <http://www.asia-petrochem.com> or send an enquiry to info@asia-petrochem.com

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