

## Technical Datasheet Styrene Monomer (SM)

### Product Description

<b>CAS</b>	<b>100-42-5</b>
<b>Molecular Formula</b>	<b>C<sub>8</sub>H<sub>8</sub></b>
<b>Molecular Weight [g/mol]</b>	<b>104.15</b>

Property	Unit	Test Method	Typical Value
<b>Styrene Purity</b>	Wt. %	ASTM D5135 / D7504	99.8 Minimum
<b>Aldehydes as Benzaldehyde</b>	Wt. %	ASTM D2119 / D7704	0.01 Maximum
<b>Peroxides as H<sub>2</sub>O<sub>2</sub></b>	ppm	ASTM D2340	50 Maximum
<b>Polymer</b>	ppm	ASTM D2121 Method A	10 Maximum
<b>Inhibitor</b>	ppm	ASTM D4590	10 – 15
<b>Color</b>	Pt/Co scale	ASTM D5386	15 Maximum
<b>Ethylbenzene</b>	ppm	ASTM D5135 / D7504	500 Maximum
<b>Benzene</b>	ppm	ASTM D6229	1 Maximum

### Applications

Styrene Monomer is a petrochemical substance that can be further processed into a variety of plastics used in electrical and electronic appliances, packaging material, insulation, automotive parts and much more.

### Disclaimer

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