



**Americas Styrenics**  
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## STYRENE MONOMER - AS

### Sales Specification

Property	Units	Value <sup>1</sup>	ASTM Method
Purity, minimum	Weight %	99.90	D5135
Ethylbenzene, maximum	Weight %	0.0085	D5135
Color, maximum	Pt – Co Scale	15	D5386
	- or -	- or -	- or -
	Pt – Co Scale	10	D1209
Polymer, maximum	mg/kg	10	D2121
Inhibitor (t-Butyl Catechol)	mg/kg	10 – 15 <sup>2</sup>	D4590
Aldehydes (as Benzaldehyde), maximum	Weight %	0.0100	D2119
Peroxides (as H <sub>2</sub> O <sub>2</sub> ), maximum	mg/kg	50	D2340
Benzene, maximum	mg/kg	1	D5135 (mod)

<sup>1</sup> Subject to change without notice

<sup>2</sup> Applies to all methods of shipment unless additional inhibitor is specified

### Typical Properties

Property	Units	Value <sup>1</sup>	ASTM Method
Purity	Weight %	99.93	D5135
Ethylbenzene	Weight %	0.0045	D5135
Color	Pt – Co Scale	8	D5386
Polymer	mg/kg	1	D2121
Inhibitor (t-Butyl Catechol)	mg/kg	13	D4590
Aldehydes (as Benzaldehyde)	Weight %	0.0020	D2119
Peroxides (as H <sub>2</sub> O <sub>2</sub> )	mg/kg	5	D2340
Benzene	mg/kg	<1	D5135 (mod)
Chlorides	mg/kg	<1	D5808
Sulfur	mg/kg	<1	D4045
Flash Point (PMCC)	°C	31	D93

MSDS# AS-00001

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Before using this product, the user is advised and cautioned to make its own determination and assessment of the safety and suitability of the product for the specific use in question and is further advised against relying on the information contained herein as it may relate to any specific use or application. It is the ultimate responsibility of the user to ensure that the product is suited and the information is applicable to the user's specific application. Americas Styrenics LLC does not make, and expressly disclaims, all warranties, including warranties of merchantability or fitness for a particular purpose, regardless of whether oral or written, express or implied, or allegedly arising from any usage of any trade or from any course of dealing in connection with the use of the information contained herein or the product itself. The user expressly assumes all risk and liability, whether based in contract, tort or otherwise, in connection with the use of the information contained herein or the product itself. Further, information contained herein is given without reference to any intellectual property issues, as well as federal, state or local laws which may be encountered in the use thereof. Such questions should be investigated by the user.