

## 70 Styrene Monomer

**Overview:** #70 Styrene Monomer is the recommended and accepted thinner for polyester resins and gel coats. Most gel coats can be thinned 2-5% to make them suitable for heavy spray equipment or other special purposes.

Component	Specification	Typical Analysis	ASTM Test Method
Purity (wt. %)	99.90 min	99.93	D 3789-89
Ethylbenzene (ppm)	80 max	70	Cos-Mar Method
Benzene (ppm)	1.0 max	<1.0	Cos-Mar Method
Toluene (ppm)	1.0 max	<1.0	Cos-Mar Method
Polymer (ppm)	10 max	2	D 2121-90
Color (Pt. Co.)	10 max	4	D 1209-84
Inhibitor	10-15 or as required	13	D 2120-87
Aldehyde (wt. %)	0.01 max. as Benzaldehyde	Nil	D 2119-87
Peroxides (wt. %)	0.01 max. as H <sub>2</sub> O <sub>2</sub>	<0.001	D 2340-82
Total Chlorides (wt. %)	0.01 max as Cl	0.0004	Cos-Mar Method
Total Sulfur (wt. %)	0.0005 max as S <sup>0</sup>	Nil	Cos-Mar Method
Specific Gravity	0.908 min	---	Cos-Mar Method
Density (60°F)	7.586	---	D 1555-90

**Warning: This product is FLAMMABLE**