

<b>TECHNICAL DATA SHEET</b>
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## ALPHA METHYL STYRENE

**PRESENTATION:**

Alpha-methyl styrene or 2-phenylpropene is a colorless or slightly yellow hydrocarbon aromatic, flammable aromatic organic liquid having an unpleasant odor. It is practically insoluble in water. It is a by-product in the production of phenol according to the cumene process

**APPLICATIONS:**

$\alpha$ -Methylstyrene (AMS) is a chemical intermediate used in the manufacture of plasticizers, resins and polymers.

**TYPICAL PROPERTY**

PROPERTY	UNIT	TYPICAL	TEST METHOD
Inhibitor (ppm TBC)	mg/kg	15	ASTM D 2120-87*
Refraction index at 20 °C		1.5387	ASTM D 1218 / DIN 53169*
Purity AMS	% wt	99.7	ASTM D 3362-05 / GC*
Color Pt-Co Scale (APHA)		5	ASTM D 1209 / DIN ISO 6271
Phenol Content	mg/kg	15	ASTM D 3160*
Polymer content	mg/kg	< 10	ASTM D 2121*
Water	mg/kg	< 100	ASTM D 1364*
n-Propylbenzene and Styrene	% wt	0.03	ASTM D 3362-05 / GC*

\*or equivalent method

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