

<b>TECHNICAL DATA SHEET</b>
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## ISOAMYLENE (2-Methylbutene)

### PRESENTATION:

Isoamylene is a colorless, flammable liquid with a disagreeable odor. Isoamylene contains two methylbutene isomers in a ~93/7 molar ratio: 2-Methyl 2-Butene and 2-Methyl 1-Butene. Isoamylene is produced with a special process.

### APPLICATIONS:

Isoamylene is used in the synthesis of many chemicals and chemical intermediates, with numerous applications including: Flavours & fragrances, Pesticides, Growth regulators, Pharmaceuticals, Healthcare products, Catalysts, Peroxides, Phenolic resins, Hot melt adhesives, Anti-oxidants and UV stabilizers.

### TYPICAL PROPERTY

PROPERTY	UNIT	TYPICAL	TEST METHOD
Appearance		Colorless and transparent liquid	Visual
Density at 15 °C	g/cm <sup>3</sup>	0.660	ASTM D 4052*
Purity	% wt	99.7	GC method*
2-Methyl 2-Butene	% wt	93.1	GC method*
2-Methyl 1-Butene	% wt	6.6	GC method*
MTBE	% wt	< 0.01 (no trace)	GC method*
Methanol	% wt	< 0.05 (no trace)	GC method*
Methyl Ether	% wt	< 0.05 (no trace)	GC method*
Colour APHA	PtCo scale	10	ASTM D 1209
Water	% wt	< 0.05 (no trace)	ASTM E 203*

\*or equivalent method

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