

Technical Data Sheet

Eastman™ Isobutyraldehyde, Dry

Applications

- Agriculture intermediates
- Process additives

Product Description

Isobutyraldehyde is a colorless, flammable liquid, having a pungent odor and used primarily as a chemical intermediate. Examples of chemicals derived from isobutyraldehyde are as follows: solvents, plasticizers, glycols, essential amino acids, flavor and fragrance chemicals, polymers, insecticides, hydraulic fluids, and lubricants.

Typical Properties

Property	Typical Value, Units
General	
Molecular Weight	72.1
Empirical Formula	C ₄ H ₈ O
Form	Colorless liquid
Specific Gravity @ 20°C/20°C	0.787-0.791
Appearance	Clear, clean liquid
Assay	>99.2 wt % min.
Color	
Pt-Co	10 max.
Water	0.2 wt % max.
Acidity	
as Isobutyric Acid	0.3 wt % max.
Boiling Point	62-67 °C
Freezing Point	-37 °C
Flash Point	
Tag Closed Cup	-18 °C (-1 °F)

Comments

Properties reported here are typical of average lots. Eastman makes no representation that the material in any particular shipment will conform exactly to the values given.

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