

Technical Data Sheet

Eastman™ Glacial Acetic Acid, Reagent Grade

Applications

- Compounders
- Industrial electronics
- Pharmaceutical chemicals
- Process additives
- Specialty chemicals
- Water treatment industrial

Product Description

Reagent-grade glacial acetic acid is produced to meet the specifications of the American Chemical Society's Reagent Chemicals, current edition. Eastman™ reagent-grade glacial acetic acid can be used in the semiconductor industry, in chemical laboratories or in other industrial applications where an exceptionally pure grade of glacial acetic acid is required.

Typical Properties

Property	Typical Value, Units
General	
Molecular Weight	60.06
Empirical Formula	C ₂ H ₄ O ₂
Form	Liquid
Color	Colorless
Specific Gravity @ 25°C	1.051
Assay	99.7 % min
Boiling Point @ 760 mm Hg	118 °C (244 °F)
Freezing Point	16.4 °C (62 °F)
Vapor Pressure @ 20°C	11 mm Hg
Heat of Combustion	14.6 kcal/g·mol
Refractive Index	1.3698 n(25°C/D)
Viscosity @ 25°C	1.22 cP
Coefficient of Expansion @ 20°C	0.00107
Solubility in Water, @ 25°C	Miscible
Flash Point Tag Closed Cup	42 °C (109 °F)
Autoignition Temperature	516 °C (961 °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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