

Technical Data Sheet

Eastman™ Propionic Anhydride, Kosher

Applications

- Food flavors & food fragrances
- Intermediates
- Pharmaceutical chemicals

Product Description

Propionic Anhydride is a colorless liquid having a pungent odor and high boiling point. It is soluble in alcohol, ether, chloroform, and alkalis, but decomposes in water. Eastman™ Propionic Anhydride is also available as a kosher product. All kosher products produced by Eastman are manufactured under rabbinical supervision in full accordance with Jewish dietary law.

Typical Properties

Property	Typical Value, Units
General	
Molecular Weight	130.16
Empirical Formula	C ₆ H ₁₀ O ₃
Wt/Vol	
@ 20°C	1.01 kg/L (8.44 lb/gal)
Boiling Point	167 °C (333 °F)
Freezing Point	-45 °C (-49 °F)
Vapor Pressure	
@ 20°C	1 mm Hg
Refractive Index	1.4022 n(25°C/D)
Viscosity	
@ 25°C	1.16 cP
Coefficient of Expansion	
@ 20°C	0.001125
Solubility	
in Water, @ 25°C	Decomposes
Water In, @ 25°C	Decomposes
Flash Point	
Tag Closed Cup	63 °C (145 °F)
Tag Open Cup	59 °C (138 °F)
Fire Point	66 °C (151 °F)
Autoignition Temperature	285 °C (545 °F)
Flammability Limits	
Lower	66.2 mg/L
Upper	466 mg/L

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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