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## Typical Product Specifications & Properties

# 1,2-Dibromoethane

CAS Number : 106-93-4

Specifications	Limits
Molecular weight	187.86
InChI	1S/C2H4Br2/c3-1-2-4/h1-2H2
InChIKey	PAAZPARNPHGIKF-UHFFFAOYSA-N
Vapor Density	~6.5
Vapor Pressure	11.7 mm Hg ( 25 &deg;C)
Storage Temperature	0-6&deg;C
Refractive Index	1.539
Stability	Stable, but may be light sensitive. Incompatible with strong oxidizing agents, magnesium, alkali metals.
Melting Point	9 &deg;C
Flash Point	132&deg;C
Boiling Point	131-132 &deg;C
Merck	14,3796



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Specifications	Limits
Water solubility	4 g/L (20 °C)
Density	2.18 g/mL at 25 °C
Boiling Point	131.6 °C
Water solubility	3910 mg/L
Vapor Pressure	11.2 mm Hg
Melting Point	9.9 °C
Henry's Law Constant	6.50E-04 atm-m <sup>3</sup> /mole
log P (octanol-water)	1.96
Atmospheric OH Rate Constant	2.50E-13 cm <sup>3</sup> /molecule-sec



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