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Typical Product Specifications & Properties

m-Xylene

CAS Number: : 108-38-3

Specifications	Limits
Molecular weight	106.17
EINECS	203-576-3
InChI	1S/C8H10/c1-7-4-3-5-8(2)6-7/h3-6H,1-2H3
InChIKey	IVSZLXZYQVIEFR-UHFFFAOYSA-N
Henry's Law Constant	0.00718 atm-m ³ /mole
log P (octanol-water)	3.2
Vapor Pressure	8.29 mm Hg
Atmospheric OH Rate Constant	2.36E-11 cm ³ /molecule-sec
Boiling Point	139.1 °C
Melting Point	-4.78E+01 °C
Water solubility	161 mg/L
Water solubility	Miscible with organic solvents. Immiscible with water.



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Specifications	Limits
Storage Temperature	0-6°C
Boiling Point	139 °C
Merck	14,10081
Vapor Pressure	16 mm Hg (37.7 °C)
Solubility	Miscible with many organic solvents, including alcohol and ether
Flash Point	77 °F
BRN Number	605441
Refractive Index	1.497
Vapor Density	3.7
Density	0.868 g/mL at 25 °C
Melting Point	-48 °C



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