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Typical Product Specifications & Properties

Methacrylic Acid

CAS Number: : 79-41-4

Specifications	Limits
Purity	99.0% Min
Solubility (grams/100 g water) at 100°C	Soluble in water, alcohol, ether, most organic solvents
Appearance	Clear Colorless liquid
Freezing Point (°C)	15
Refractive Index (40° C)	1.4321
Vapor Pressure	1 mm Hg (20°C)
Solubility (grams/100 gramg water) at 0°C	Completely miscible
Color when shipped (APHA)	30 Max
Specific Gravity (20°C/4°C)	1.012~1.018
Vapor Density	2.97 (15°C)
Heat Of Polymerization	15.8 Kcal/mol
Water when shipped	0.3% Max



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Specifications	Limits
Inhibitor (MEHQ)	230-270 ppm
Odor	Pungent acrid odor
Odor Threshold	~0.2ppm
Density	1.015 (20 c)
Dropping Point	161°C (760 mm Hg)
Specific Gravity (20°C)	1.012 - 1.018
Viscosity	1.35 cps (20°C)
Volatility (%)	100%
Specific Heat	0.5 cal/g/°C
Vapor Pressure	1 mm (25.5 c)
Color	colorless liquid
Melting Point	15-16 c



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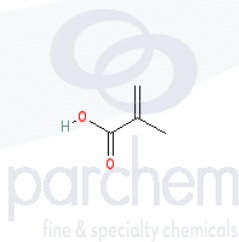
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Specifications	Limits
Odor	repulsive acrid odor
Molecular weight	86.09
Flash Point	(oc) 76 c
Solubility	mg/ml in water (17 c)
Boiling Point	163 c

Specifications	Limits
Chemical Structure	



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