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## Typical Product Specifications & Properties

# Isobutyric Acid

CAS Number: : 79-31-2

Specifications	Limits
Density	0.946-0.950 (2020 c)
Assay	99.00 to 100.00 %
Specific gravity	0.94400 to 0.94800 @ 25.00 °C
Boiling Point	153.00 to 154.00 °C. @ 760.00 mm Hg
Vapor Pressure	1.810000 mm/Hg @ 25.00 °C
Flash Point	132.00 °F.TCC
Odor Type	acidic
Appearance	colorless clear liquid
Pounds/Gallon	7.855 to 7.888
Boiling Point	85.00 to 86.00 °C. @ 50.00 mm Hg
Vapor Density	3.0
Refractive Index	1.39200 to 1.39500 @ 20.00 °C



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Specifications	Limits
Melting Point	-47.00 to -46.00 °C. @ 760.00 mm Hg
logP (o/w)	0.94
Odor	pungent odor of rancid butter
Molecular weight	88.11
Color	colorless liquid
Solubility	6 parts of water
Chemical Structure	



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