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Typical Product Specifications & Properties

2-pentanone

CAS Number: : 107-87-9

Specifications	Limits
Density	0.801-0.806
Surface Tension	33.87 dynescm
Dielectric Constant	13.6
Auto/Self Ignition Temperature	temp. 452 c
Slightly Soluble	in water
Appearance	colorless clear liquid
Assay	98.00 to 100.00 %
Melting Point	-78.00 °C. @ 760.00 mm Hg
Boiling Point	100.00 to 110.00 °C. @ 760.00 mm Hg
Flash Point	45.00 °F.TCC
logP (o/w)	0.91
Taste	Sweet, fruity and banana-like with a fermented nuance



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Specifications	Limits
Refractive Index	1.38700 to 1.39200 @ 20.00 °C
Acid Value	2.00 max. KOH/g
Vapor Density	3.0
Specific gravity	0.80100 to 0.80600 @ 25.00 °C
Pounds/Gallon	6.665 to 6.707
Vapor Pressure	38.600000 mm/Hg @ 25.00 °C
Odor Type	fruity
Odor	Etherial, diffusive and sweet banana-like with fermented woody nuance
Molecular weight	86.14
Solubility	ethanol, diethyl ether, acetone, other ketones, oxygenated solvs.
Chemical Structure	



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