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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 |





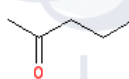

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| Specifications | Limits |
|--------------------|--|
| Refractive Index | 1.38700 to 1.39200 @ 20.00 °C |
| Acid Value | 2.00 max. KOH/g |
| Vapor Density | 3.0 |
| Specific gravity | 0.80100 to 0.80600 @ 25.00 °C |
| Pounds/Gallon | 6.665 to 6.707 |
| Vapor Pressure | 38.600000 mm/Hg @ 25.00 °C |
| Odor Type | fruity |
| Odor | Ethereal, diffusive and sweet banana-like with fermented woody nuance |
| Molecular weight | 86.14 |
| Solubility | ethanol, diethyl ether, acetone, other ketones, oxygenated solvs. |
| Chemical Structure |  <p style="text-align: center;">  parchem fine & specialty chemicals </p> |



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415 Huguenot Street, New Rochelle, New York 10801

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