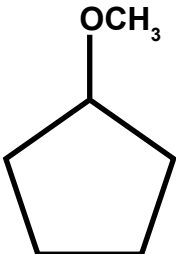
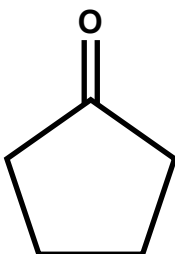


Specialty Solvents

Name	Cyclopentylmethyl Ether (CPME)	Cyclopentanone (CPN)
Group	ether	ketone
Structure		
Molecular weight	100.16 g/mol	84.12 g/mol
Boiling point	106 °C	131 °C
Density	0.86g/cm ³ (25°C)	0.95 g/cm ³ (15~20 °C)
Melting point	< -140 °C	-58.2 ~ -51 °C
Surface tension	25.17 mN/m (20 °C)	33.43 mN/m (25 °C)
Specific heat	1.818 kJ/(kg·K) (25 °C)	1.824 kJ/(kg·K) (25 °C)
Vaporization energy	290 kJ/kg	403 kJ/kg
Viscosity	0.569 mPa·s (25 °C)	1.075 mPa·s (25 °C)
Flash point	-1 °C	26 ~ 30 °C
Applications	-Industrial chemistry process solvent (reactions, extractions) -Coating solvent	-Developer for photoresists -Solvent for adhesives and polymers -Solvent for synthesis of fragrances and pharmaceuticals

Typical properties. Not to be used for purposes of establishing specification(s).

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