


## Typical Product Specifications & Properties

# (Z)-3,4,5,6,6-pentamethylhept-3-en-2-one

CAS Number: : 81786-73-4

Specifications	Limits
Substantivity	12 hrs.
Odor	floreal, amber, violet, reminiscence of hydroxycitronellal
Assay	85% min. (as isomers' sum)
Specific gravity	0.862 - 0.872
Refractive Index	1.453 - 1.461
Flash Point	85°C +/- 2 CC
Appearance	colourless to pale yellow liquid
Insolubility	in water
Molecular weight	182.30
Color	colorless to slightly yellow liquid
Solubility	alcohol
Chemical Structure	 <p>The chemical structure shows a hept-3-en-2-one chain with methyl groups at positions 3, 4, 5, and 6. The double bond at position 3 is in the (Z) configuration. The 6th carbon is a quaternary carbon with two methyl groups. The Parchem logo, consisting of two interlocking circles and the text 'parchem fine &amp; specialty chemicals', is overlaid on the structure.</p>