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## Product Specifications

### **Piperylene (predominantly *trans*)**

CAS 2004-70-8

Structure:



Mol. Formula  
Source

$\text{C}_5\text{H}_8$   
*Synthetic*

Mol. Wt.

68.12

<i>Test</i>	<i>Specification</i>
<b>Appearance</b>	Clear, colorless liquid
<b>Bp</b>	42 °C [Lit.]
<b>Assay</b> (glpc)	~60%
<i>Component Balance</i>	
Cyclopentene	~22%
2-Methyl-2-butene	~11%
<b>Fp</b>	5 °F; -15 °C
$d_{25}^{\circ\text{C}}$	0.683 g/mL [Lit.]
<b>RI, <math>\eta_D^{20}^{\circ\text{C}}</math></b>	1.491 [Lit.]
<b>Vapor Pressure</b>	6.56 psi @ 20 °C

**CAUTION:** Extremely flammable!! Store and handle accordingly.