SALES SPECIFICATIONS

APC Product : Cyclohexanone
APC Spec. No. : X2-004-1
Effective Date : 1 มกราคม 2560

Description
Cyclohexanone is a colourless to pale yellow liquid with excellent solvency and a characteristic peppermint odour.

Specification

<table>
<thead>
<tr>
<th>Properties</th>
<th>Unit</th>
<th>Test Method</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Purity</td>
<td>% m/m</td>
<td>GC</td>
<td>99.8 min</td>
</tr>
<tr>
<td>Colour (Pt-Cobalt)</td>
<td>% m/m</td>
<td>ASTM D1209</td>
<td>15 max</td>
</tr>
<tr>
<td>Water Content</td>
<td>% m/m</td>
<td>ASTM D1364</td>
<td>0.1 max</td>
</tr>
<tr>
<td>Acidity as acetic acid</td>
<td>% m/m</td>
<td>ASTM D1613</td>
<td>0.01 max</td>
</tr>
</tbody>
</table>

Typical Properties

<table>
<thead>
<tr>
<th>Properties</th>
<th>Unit</th>
<th>Test Method</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Density @ 20 ◦C</td>
<td>g/ml</td>
<td>ASTM D4052</td>
<td>0.945 - 0.948</td>
</tr>
<tr>
<td>Distillation, IBP</td>
<td>◦C</td>
<td>ASTM D1078</td>
<td>153.0 max</td>
</tr>
<tr>
<td>Distillation, DP</td>
<td>◦C</td>
<td>ASTM D1078</td>
<td>157.0 max</td>
</tr>
<tr>
<td>Cyclohexanol Content</td>
<td>% m/m</td>
<td>GC</td>
<td>0.05 max</td>
</tr>
</tbody>
</table>

Application
Cyclohexanone is an appropriate solvent for most paint resins, e.g. nitrocellulose, phenolic, epoxies, polyurethanes and vinyl, particularly as a viscosity reducer in high solids paint. It is also used in pesticides, bitumen, waxes, adhesives, printing inks, paint removers and dyes.
Cyclohexanone is employed as a solvent in the textile and leather industry. It is widely use as an intermediate in chemical manufacturing.

Note : The Company reserves the right to change the information contained herein without notice.