# ATUREX® T1022

## High Purity Dimer Acid

ATUREX T1022 is a dimerized fatty acid product, which has been distilled, and achieves very good purity of dimer content.

### FEATURES
- Good chemical resistance
- Excellent flexibility
- Low viscosity
- Good corrosion resistance

### APPLICATIONS
- Good water resistance
- High dimer content
- Synthesize lubricant and grease
- Surfactant, soap making
- Oilfield corrosion inhibitor
- Detergent

### PROPERTIES

<table>
<thead>
<tr>
<th>Properties</th>
<th>Typical Quality</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance at 25°C</td>
<td>Amber mobile liquid</td>
<td></td>
</tr>
<tr>
<td>Saponification Value, mgKOH/g</td>
<td>196</td>
<td>193-199</td>
</tr>
<tr>
<td>Colour, Gardner</td>
<td>5</td>
<td>&lt;8</td>
</tr>
<tr>
<td>Acid Value, mgKOH/g</td>
<td>195</td>
<td>192-198</td>
</tr>
<tr>
<td>Viscosity, mPa.s, 25°C</td>
<td>8100</td>
<td>7000-9000</td>
</tr>
</tbody>
</table>

### TYPICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
<th>Reference</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monomer, HPLC, %</td>
<td>0.5</td>
<td>&lt;1</td>
</tr>
<tr>
<td>Dimer, HPLC, %</td>
<td>80</td>
<td>78-83</td>
</tr>
<tr>
<td>Trimer, HPLC, %</td>
<td>18</td>
<td>16-21</td>
</tr>
</tbody>
</table>

### HANDLING & STORAGE

In unopened, original containers, several years at 2 - 40° C, (see Expiry date on original container)

### CN CODE

2917190090

### PACKAGING

In 210 liter tight head steel drums, net weight 180kg.

### HEALTH & SAFETY

Please refer to Material Safety Data Sheet

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