Globalene® PF4206
Polypropylene Alloy
Lee Chang Yung Chemical Industry Corp.

Technical Data

Product Description
Globalene® PF4206 is a Polypropylene Alloy (PP Alloy) material. It is available in Asia Pacific or North America for injection molding.

Important attributes of Globalene® PF4206 are:
- RoHS Compliant
- Good Processability
- High Stiffness

Typical applications include:
- Appliances
- Furniture
- Household Applications

General

| Material Status | Commercial: Active |
| Literature 1 | Technical Datasheet (English) |

Search for UL Yellow Card
- Lee Chang Yung Chemical Industry Corp.
- Globalene®

Availability
- Asia Pacific
- North America

Features
- Good Moldability
- High Stiffness

Uses
- Appliances
- Furniture
- Household Goods

RoHS Compliance
- RoHS Compliant

Forms
- Pellets

Processing Method
- Injection Molding

Physical

<table>
<thead>
<tr>
<th>Property</th>
<th>Nominal Value</th>
<th>Unit</th>
<th>Test Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Specific Gravity</td>
<td>1.04</td>
<td>g/cm³</td>
<td>ASTM D792</td>
</tr>
<tr>
<td>Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)</td>
<td>3.1</td>
<td>g/10 min</td>
<td>ASTM D1238</td>
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<tr>
<td>Molding Shrinkage - Flow</td>
<td>1.0 %</td>
<td></td>
<td>ASTM D955</td>
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</tbody>
</table>

Mechanical

<table>
<thead>
<tr>
<th>Property</th>
<th>Nominal Value</th>
<th>Unit</th>
<th>Test Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tensile Strength (Yield)</td>
<td>34.3</td>
<td>MPa</td>
<td>ASTM D638</td>
</tr>
<tr>
<td>Tensile Elongation (Yield)</td>
<td>7.9 %</td>
<td></td>
<td>ASTM D638</td>
</tr>
<tr>
<td>Flexural Modulus</td>
<td>2220</td>
<td>MPa</td>
<td>ASTM D790</td>
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</tbody>
</table>

Impact

<table>
<thead>
<tr>
<th>Property</th>
<th>Nominal Value</th>
<th>Unit</th>
<th>Test Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Notched Izod Impact (23°C)</td>
<td>35</td>
<td>J/m</td>
<td>ASTM D256</td>
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</table>

Hardness

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<thead>
<tr>
<th>Property</th>
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<th>Test Method</th>
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<tbody>
<tr>
<td>Rockwell Hardness (R-Scale)</td>
<td>98</td>
<td></td>
<td>ASTM D785</td>
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Thermal

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<thead>
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<th>Property</th>
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<th>Test Method</th>
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</thead>
<tbody>
<tr>
<td>Heat Deflection Temperature</td>
<td>131</td>
<td>°C</td>
<td>ASTM D648</td>
</tr>
</tbody>
</table>

Notes

1 These links provide you with access to supplier literature. We work hard to keep them up to date; however you may find the most current literature from the supplier.
2 Typical properties; these are not to be construed as specifications.
Globalene® PF4206
Polypropylene Alloy
Lee Chang Yung Chemical Industry Corp.

Where to Buy

Supplier
Lee Chang Yung Chemical Industry Corp.
Taipei, Taiwan
Telephone: +886-2-2528-8895
Web: http://www.lcygroup.com

Distributor
* Please contact the supplier to find a distributor for Globalene® PF4206