Visualplas® Far Infra-Red Transmit Plastics

OVERVIEW

- 5-12 Micron infrared transmission
- Plastic film, sheet, or molding supplies
- Heat resistance & UV durable
- Customized CNC or molding

APPLICATIONS

- Passive IR motion detectors
- Far IR medical devices
- Infrared cameras
- Infrared thermometers

TECHNICAL DATASHEETS

- **Infrared Transmittance**

![Graph showing infrared transmittance](image)

- **Application Guides**

<table>
<thead>
<tr>
<th>Grade</th>
<th>Availability</th>
<th>Thickness (MM)</th>
<th>Working Temperature (°C)</th>
<th>Color</th>
<th>UV Resistance</th>
</tr>
</thead>
<tbody>
<tr>
<td>FIR813</td>
<td>Film / Sheet, Molding</td>
<td>0.1 - 0.5</td>
<td>-40C ~ 70</td>
<td>Milky Translucent / White Opaque</td>
<td>Good</td>
</tr>
<tr>
<td>FIR813H</td>
<td>Film / Sheet</td>
<td>0.1 - 0.5</td>
<td>-60C ~ 110</td>
<td>Translucent / White Opaque</td>
<td>Excellent</td>
</tr>
<tr>
<td>FIR913</td>
<td>Film / Sheet</td>
<td>0.1 - 0.5</td>
<td>-60C ~ 150</td>
<td>Milky Translucent</td>
<td>Excellent</td>
</tr>
</tbody>
</table>

ROHS COMPLIANT

- Visualplas is fully committed and supports the RoHS Directive and produces compliant products conforming to RoHS definitions.