PRODUCT GUIDE

Highly visual and eye-catching. 3-D images in perfection.
POLYCASA Lenticular® 20 LPI are extruded polyethylene terephthalate Glycol (PETG) sheets, particularly created for lenticular use. Thanks to the dynamic technology, this especially for large-format lenticular printing developed sheet, offers unique opportunities to create vivid 3-D images, which seem to jump out of the picture. POLYCASA Lenticular® 20 LPI sheets are extremely versatile and perfectly suitable for large-scale advertising campaigns in a highly visual marketplace – set your product apart!

AT A GLANCE

- Especially suitable for 3-D interior applications
- Brilliant clarity
- Excellent ink adhesion
- Stable sheet dimensions
- High impact strength
- Good chemical resistance
- Environmental friendly
- Recyclable
- Meets current food contact legislation

APPLICATIONS

- Large-scale advertising campaigns
- Large format advertising spaces at bus stops, railway stations, airports, sports venues etc.
- Eye-catcher in the area of retail, shop design, shopfitting and exhibition design
- Large format displays and posters
- POS/POP displays
- Wall pictures where a larger viewing distance is required
- Advertising signs

PRODUCT RANGE

<table>
<thead>
<tr>
<th>Grade</th>
<th>20 LPI – 3D</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lenses per inch (LPI)</td>
<td>20</td>
</tr>
<tr>
<td>Thickness, T (mm)</td>
<td>3.4 (±5%)</td>
</tr>
<tr>
<td>Viewing angle</td>
<td>33°</td>
</tr>
<tr>
<td>Pitch (mm) (depending on the sheet temperature)</td>
<td>20.29 – 20.36</td>
</tr>
<tr>
<td>Max. sheet size (mm)</td>
<td>2050 (/) x 1250</td>
</tr>
<tr>
<td>Min. sheet size (mm)</td>
<td>On request</td>
</tr>
<tr>
<td>No. of sheets / pallet</td>
<td>80 (880 kg)</td>
</tr>
</tbody>
</table>

Please note: L (/\) x W (L (\) = Length = parallel lenses)

GENERAL

<table>
<thead>
<tr>
<th>Properties</th>
<th>Method</th>
<th>Unit</th>
<th>POLYCASA Lenticular®</th>
</tr>
</thead>
<tbody>
<tr>
<td>Density g/cm³</td>
<td></td>
<td></td>
<td>1.27</td>
</tr>
<tr>
<td>Rockwell hardness D-785</td>
<td>R-Scale</td>
<td>105</td>
<td></td>
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</tbody>
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MECHANICAL

<table>
<thead>
<tr>
<th>Tensile modulus MPa</th>
<th>53455</th>
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<tbody>
<tr>
<td>Light transmission %</td>
<td>5036</td>
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Values are based on measurements taken on 3 mm flat PETG SPECTAR™ sheets.

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