standard

This is the traditional surface, homogeneous and soft to the touch. The walls of the objects remine closed. It can be shiny or matte. And additionally it can be given the waterproof treatment.

open skin

"open skin" is an effect of structure in the material that gives lightness to the object, this three-dimensional texture allows the colors to be intense and saturated. Nevertheless this surface texture allows the light to pass through, creating a play of casual light in the environments.

eco-220e MAY GREEN
ECO***
eco-230e BLUE YONDER
ECO***
eco-214e MIDNIGHT NAVY
ECO***
eco-221e PISTACHIO
ECO***
Shapes

Color applications

1. eco-230e  BLUE YONDER
   open skin

2. eco-228e  SILVER SAND

3. eco-202e  FOREST GREEN

4. eco-202e  FOREST GREEN
   open skin

5. eco-239e  TART ORANGE

6. eco-230e  BLUE YONDER

7. eco-250e  BRANDY

8. eco-214e  MIDNIGHT NAVY

9. eco-220e  MAY GREEN

10. eco-openY  Deep Yellow / open pixel

9. eco-018  Blue TH lighted

11. eco-221e  PISTACHIO
The following document declares the origin and technical description of the material that ecopixel uses as a producer of durable goods.

ECOPIXEL is a mono-polymer recycled/regenerated thermoplastic. Derived from pre-consumer waste material. It comes in 3D moulded/shaped products (which request specific tooling) and/or sheets of various thickness and size. ECOPIXEL is a 100% Italian Production.

ECOPIXEL comes in a range of colors and pixelated effects. Following availability of wastematerials in both color and typology. Due to specific production technique ECOPIXEL appears to be pixelated. Sometimes, in certain areas, due to material qualities and mixture of different atches of waste-streams colorwaves may exist.

<table>
<thead>
<tr>
<th>ASTM or UL test</th>
<th>Property</th>
<th>ECOPIXEL standard PELD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard Ecopixel</td>
<td>mono-polymer material</td>
<td>PELD4</td>
</tr>
<tr>
<td>D792</td>
<td>Density</td>
<td>0.033 lb/in³</td>
</tr>
<tr>
<td>D570</td>
<td>Density</td>
<td>0.92 kg-m³</td>
</tr>
<tr>
<td>D785</td>
<td>Water Absorption 24 hrs</td>
<td>&lt; 0.01 %</td>
</tr>
<tr>
<td>D648</td>
<td>Hardness, shore D</td>
<td>D 45 / 55</td>
</tr>
<tr>
<td>D3418</td>
<td>Max Operating Temp</td>
<td>71°C / 160°F</td>
</tr>
<tr>
<td>D1238</td>
<td>Melting Temperature</td>
<td>118°C / 244°F</td>
</tr>
<tr>
<td>MFI 190/2,16kg</td>
<td>LDPE regenerated neutral</td>
<td>1.8 - 2.4 *</td>
</tr>
<tr>
<td>UL94</td>
<td>Flammability **</td>
<td>HB</td>
</tr>
<tr>
<td>ECOPIXEL 3D moulded</td>
<td>Standard thickness</td>
<td>3 - 8 mm irregular ***</td>
</tr>
<tr>
<td>ECOPIXEL sheet</td>
<td>Sheet thickness</td>
<td>10 - 12 - 15 mm</td>
</tr>
<tr>
<td>ECOPIXEL injection</td>
<td>Structural qualities</td>
<td>For any structural qualities please refer to PELD4 material</td>
</tr>
<tr>
<td>ECOPIXEL</td>
<td>Size tolerance</td>
<td>maximum 3% between colorbatch &amp; temperature (-5°C to +35°C)</td>
</tr>
<tr>
<td>ECOPIXEL</td>
<td>Straightness tolerance</td>
<td>Depending on design max 15/1000</td>
</tr>
</tbody>
</table>

* The obtained granule complies with the regulations UNI 10667

** Fire proof coating is possible under request

*** Follows the external mouldshape
“encanto”

ecopixel™
COLOR PALETTE ENCANTO

ECO ***
100% recycled / 100% recyclable

POLYETHYLENE

WATER PROOF * under request
any color can be water-proof

- eco-201e   MIDNIGHT BLUE
  ECO***

- eco-202e   FOREST GREEN
  ECO***

- eco-203e   LILLA
  ECO***

- eco-204e   KEY LIME
  ECO***
STANDARD COLORS

ECO ***
80-100% / 100% recyclable

TRANSLUCENT

WATER PROOF * under request
any color can be water-proof
open skin

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