THERMODET®

TPU/ABS Plastic Sheets

Composite sheets of TPU/ABS (thermoplastic-polyurethane/acrylonitrile-butadiene-styrene) are characterized by an excellent scratch resistance, abrasion resistance and an anti-slipping effect. Sheets of TPU/ABS also show a very comfortable surface (soft-touch-effect) and excellent thermoforming properties.

**E.1 THERMODET®**

TPU/ABS gloss

Sheets of impact resistant ABS with a glossy TPU top layer which is characterized by an excellent scratch and abrasion resistance.

**Examples for application:**

Intermediate layer of pallets, transportation trays

**E.2 THERMODET®**

TPU/ABS “double-faced”

Sheets of impact resistant ABS with a glossy top and bottom layer of TPU which is characterized by an excellent scratch and abrasion resistance.

**E.3 THERMODET®**

TPU/ABS EL (conductive)

Sheets of impact resistant conductive ABS-compound with a specific conductive TPU top layer which is characterized by an excellent scratch resistance. Especially also available in the “double-faced” version (both sides TPU EL).
Examples for application (TPU/ABS EL):
Packaging units, transportation trays

**E.4 THERMODET® TPU/ABS matt**
Sheets of impact resistant ABS with a matt or super-matt TPU top layer which is characterized by an excellent scratch resistance and soft-touch effect.
**Examples for application:**
Automotive interior parts, caravan interior parts, suitcase shells

**E.5 THERMODET® TPU/ABS “Exterior”**
Sheets of impact resistant ABS with a matt, UV resistant TPU top layer which is characterized by excellent UV and weather resistance. Sheets of TPU/ABS “exterior” show a good scratch resistance and soft-touch effect.
**Examples for application:**
Automotive parts, design elements

**E.6 THERMODET® TPU/ABS “regrind”**
Sheets of ABS recycling material with a glossy or matt TPU top layer which is characterized by scratch resistant, anti-slipping and soft-touch properties.
Also available in the “double-faced” version (both sides TPU)
**Examples for application:**
Transportation pallets, transportation trays, covering elements

<table>
<thead>
<tr>
<th>Material</th>
<th>Surface</th>
<th>Thickness (standard)</th>
<th>Width (standard)</th>
</tr>
</thead>
<tbody>
<tr>
<td>THERMODET® TPU/ABS gloss</td>
<td>gloss embossed</td>
<td>2.00 – 10.00 mm (sheet)</td>
<td>up to 1250 mm</td>
</tr>
<tr>
<td>THERMODET® TPU/ABS “double-faced”</td>
<td>double-faced embossed</td>
<td>2.00 – 10.00 mm (sheet)</td>
<td>up to 1250 mm</td>
</tr>
<tr>
<td>THERMODET® TPU/ABS EL</td>
<td>semi-gloss embossed</td>
<td>2.00 – 10.00 mm (sheet)</td>
<td>up to 1250 mm</td>
</tr>
<tr>
<td>THERMODET® TPU/ABS matt</td>
<td>matt or super-matt embossed</td>
<td>2.00 – 10.00 mm (sheet)</td>
<td>up to 1250 mm</td>
</tr>
<tr>
<td>THERMODET® TPU/ABS “Exterior”</td>
<td>semi-matt or matt embossed</td>
<td>2.00 – 10.00 mm (sheet)</td>
<td>up to 1250 mm</td>
</tr>
<tr>
<td>THERMODET® TPU/ABS “Reg”</td>
<td>gloss or matt embossed</td>
<td>2.00 – 10.00 mm (sheet)</td>
<td>up to 1250 mm</td>
</tr>
</tbody>
</table>

More delivery forms, colours or technical data sheets on request. Specifications based on technical development, subject to modifications.