IntePro® UltraSmooth

IntePro® UltraSmooth is manufactured using a patented process that delivers a corrugated polypropylene sheet with a unique surface making it optimal for printing. UltraSmooth offers unmatched print quality, higher output, and lower ink consumption.

**Features & Benefits**
- Limits visible grooves or ribs when screen printing
- Standard and custom sheet sizes
- Waterproof
- Recyclable
- Elevates digital printing
- Thickness: 4 mm
- Color: white

**Applications**
- In store displays
- Tradeshows and exhibits
- Point of purchase displays
- Premium signage
- Real estate and political signs

Regular corrugated board  IntePro UltraSmooth board
Specifications

**Width**

- **Standard Sheet**
  - ±1/8"

- **Square Cut Sheet**
  - -1/16" to +1/8"

**Length**

- **Standard Sheet**
  - 96": 0" to +1"

- **Square Cut Sheet**
  - 96": ±1/4"

**Squareness** *(difference between diagonals)*

- **Length of Standard Sheet**
  - 96": ≤1/2"

- **Length of Square Cut Sheet**
  - 96": ≤3/16"

**Thickness**

- ±5%

**Surface Treatment**

- >46 dyne/cm (4 mm)

**Straightness**

- Length of IntePro is 96"
  - If the ratio of Length to Width is 0 to ≤4, the Tolerance is ≤3/16"

**Warp** *(highest point of the sheet when place on a flat surface)*

- Length of IntePro is 96"
  - If the Width is 48", the Tolerance is <3/4"

**Shipment Quantity**

- -0% to +5%

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**Smoothness Comparison**

**TEST 1: Hommel Tester T1000C**

<table>
<thead>
<tr>
<th></th>
<th>Arithmetical mean roughness</th>
<th>Ten-point mean roughness</th>
<th>Maximum peak</th>
</tr>
</thead>
<tbody>
<tr>
<td>IntePro UltraSmooth</td>
<td>69.29</td>
<td>306.10</td>
<td>373.20</td>
</tr>
<tr>
<td>Regular corrugated</td>
<td>298.80</td>
<td>1068.00</td>
<td>1238.00</td>
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<tr>
<td>Surface Superior Rate</td>
<td>431%</td>
<td>349%</td>
<td>332%</td>
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</tbody>
</table>

**TEST 2: Surface Roughness (Rm)**

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
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<tbody>
<tr>
<td>IntePro UltraSmooth</td>
<td>5.4</td>
<td>4.4</td>
<td>5.5</td>
<td>5.4</td>
<td>5.2</td>
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<tr>
<td>Regular corrugated</td>
<td>11.3</td>
<td>11.8</td>
<td>11.1</td>
<td>11.4</td>
<td>11.6</td>
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<tr>
<td>Surface Superior Rate</td>
<td>209%</td>
<td>268%</td>
<td>202%</td>
<td>211%</td>
<td>223%</td>
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</tbody>
</table>

For patent information, please visit www.inteplast.com/patents

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TEL: 1-800-452-2117 (x1)
interpro@inteplast.com
www.inteplast.com

OFFICE: 9 Peach Tree Hill Rd., Livingston, NJ 07039
PLANT: 101 Inteplast Blvd., Lolita, TX 77971
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