ELECTROCLEAR® 2000 represents a cost-effective, environmentally friendly product for use in the general metal finishing market as a high gloss decorative clear coating. Its advantages include:

- Waterborne paint, low VOC, with reduced fire hazard.
- Reduced exposure of workers to hazardous materials.
- High transfer efficiency (95%), with precise film build control.
- Extension of metal finishing process.
- Allows more efficient jig loading resulting in higher throughput.
- Delivers a high quality reproducible finish from a low maintenance process.
- Excellent throw power delivers uniform coating on complex parts.
- Provides sharper image and higher DOI than traditional spray or dip lacquer products.
- The future financial and environmental solution for lacquering metal parts.

### Technical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Test Method</th>
<th>Performance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color</td>
<td>---</td>
<td>Clear</td>
</tr>
<tr>
<td>Film Thickness</td>
<td>---</td>
<td>5 – 10 microns</td>
</tr>
<tr>
<td>Gloss - 60 Degree</td>
<td>ASTM D523-89</td>
<td>Full gloss</td>
</tr>
<tr>
<td>Pencil Hardness</td>
<td>ASTM D3363-00</td>
<td>4H +</td>
</tr>
<tr>
<td>Crosshatch Adhesion (Dry)</td>
<td>ASTM D3359-97</td>
<td>100%</td>
</tr>
<tr>
<td>Humidity/Adhesion (Wet)</td>
<td>ASTM D3359-97</td>
<td>100%</td>
</tr>
<tr>
<td>Humidity</td>
<td>ASTM D1735-99</td>
<td>500 Hours Minimum</td>
</tr>
<tr>
<td>Salt Spray Resistance</td>
<td>ASTM B117 240 Hours</td>
<td>No blisters, 4 – 5 mm creep</td>
</tr>
</tbody>
</table>

Film properties vary with substrate and pretreatment.

### Commercial Uses

- Lighting Fixtures
- Electrical Fixtures
- Costume Jewelry
- Optical Frames
- Cigarette Lighters
- Furniture Fixtures
- Door Hardware
- Picture Frames

### Application Data

- **Bake:** 30 minutes at 320°F (160°C) metal temperature
- **VOC:** 2.6 lbs per gallon (317 grams per liter) minus water (as supplied)
- **Heavy Metals:** None

The technical data presented in this bulletin is based upon information believed to be currently accurate. However, no guarantees of accuracy, comprehensiveness, or performance are given or implied. Continuous improvements in coatings technology may cause future technical data to vary from what is in the bulletin. Contact your PPG representative for the most up-to-date information.