IPC 1850 coating is a fusion-bond powder based on cresol-novolac chemistry with excellent temperature and corrosion protection characteristics.

IPC 1850 is a thick-film coating based upon “novolac” chemistry. It has excellent resistance to sweet and sour environments in combination with dissolved salts.

**Recommended Services:**
- Oil/Water/Gas Production
- Gas Lift
- Rod Pump Wells

**Benefits:**
- Paraffin Resistance
- Excellent Acid/Caustic Resistance
- Excellent Abrasion Resistance

**Characteristics:**
- Color: Green
- Generic Type: Cresol Novolac
- Primer: Phenolic
- Temperatures: 300° F (150° C)
- Thickness: 10-20 dry mils

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**Successful Autoclave Results**

<table>
<thead>
<tr>
<th>Temperature</th>
<th>Pressure</th>
<th>Test Conditions</th>
<th>Time Period</th>
</tr>
</thead>
<tbody>
<tr>
<td>275° F</td>
<td>6,500 psi</td>
<td>3% CO₂ / Methane LD / Brine</td>
<td>16 Hours</td>
</tr>
<tr>
<td>300° F</td>
<td>6,500 psi</td>
<td>3% CO₂ / Methane LD / Brine</td>
<td>16 Hours</td>
</tr>
<tr>
<td>250° F</td>
<td>5,000 psi</td>
<td>0.2% H₂S / 3% CO₂ LD / Brine</td>
<td>16 Hours</td>
</tr>
<tr>
<td>275° F</td>
<td>5,000 psi</td>
<td>1% H₂S / 20% CO₂ LD / Brine</td>
<td>16 Hours</td>
</tr>
</tbody>
</table>

* These test results are presented as simulated conditions and should be used as guidelines only; they are not intended for warranty serviceability.