Flexible convoluted tubing / conduit manufactured from a flame retardant polyethylene resin rated as V2 according to UL-94

**Performance Enhancers**
- Flame Retardant: Yes
- UV Inhibitor: No
- Heat Stabilizer: Yes

**Performance Characteristics**
- Flexibility: Excellent
- Abrasion Resistance: Good
- Chemical Resistance: Good

**Continuous Operating Temperature**
- -40 to +85°C (-40 to +185°F) Min. 3000 Hrs.

**Short Term" Operating temperatures**
- -40 to +93°C (-40 to +200°F) Max. 168 Hrs

**Typical Physical Properties**

<table>
<thead>
<tr>
<th>Property</th>
<th>Test Method</th>
<th>Value</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Specific Gravity/Density</td>
<td>ASTM D792</td>
<td>1.005</td>
<td>-</td>
</tr>
<tr>
<td>Elongation @ Break</td>
<td>ASTM D638</td>
<td>945</td>
<td>%</td>
</tr>
<tr>
<td>Elongation @ Yield</td>
<td>ASTM D638</td>
<td>167</td>
<td>%</td>
</tr>
<tr>
<td>Tensile Strength @ 25C</td>
<td>ASTM D638</td>
<td>14.99619</td>
<td>MPa</td>
</tr>
<tr>
<td>2% Secant Modulus</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Flexural Modulus</td>
<td>ASTM D790</td>
<td>240</td>
<td>MPa</td>
</tr>
<tr>
<td>Melting Point</td>
<td>ASTM D3418</td>
<td>239 (115)</td>
<td>°C</td>
</tr>
<tr>
<td>Notched Izod Impact Test</td>
<td>ASTM D256</td>
<td>10</td>
<td>ft lb/in</td>
</tr>
<tr>
<td>Heat Deflection Temperature @66psi</td>
<td>ASTM D648</td>
<td>122 (50)</td>
<td>°C</td>
</tr>
<tr>
<td>Heat Deflection Temperature @264psi</td>
<td>ASTM D648</td>
<td>104 (40)</td>
<td>°C</td>
</tr>
</tbody>
</table>

**Material Certifications**
- Delphi / Packard: -
- Ford: -
- General Motors: -
- Chrysler: -
- ASTM: -
- Underwriters Laboratory: UL-94 V2 @ 1.5 mm
- FMVSS 302: Max. Burn rate of 101.2mm / min. (1.0 mm thick) Self-extinguishing
- Other: -

**Notes**
1. Drossbach does not claim or state any UV life or warranty unless stated above in the "Other" section", as we do not have any control over its end use environment.
2. All "UL" and FMVSS 302 flame ratings are for the resin used to manufacture our product, not for our end product. The ratings are created by testing standard "UL" and "FMVSS" plaque specimens, not tubing samples.
4. Only product designated as UL 94 "V0" in the Material Certification section above can be certifield as non-Halogenated product.
5. If a product is designated as flame retardant but has no material certification listed, this product is a Drossbach internally blended material blended with a flame retardant additive. It is tested to an internal flame test (DR-006) that holds no claimed warranty.