Elastollan® SP 3092 A10 HFFR
Marketing Card

**Target Applications** – Cable jacketing that requires demanding, high performance, flame retardant and low smoke properties

**Key Selling Points**
- Elastollan with BASF’s best flame retardant properties
- Suitable for **VW-1** and **FT-1** cables
- **Halogen-free** flame retardant and **Low Smoke**

**Flame Testing Video**
- Watch the best flame retardant Elastollan in the challenge test
- Forms a solid “char” layer – [Click Here for Video](#)

**Best End-Use Markets and Applications**
- Consumer Cables
- Automotive EV Charging
- Industrial Cables

**Certification and Standards**
- REACH, RoHS and IMDS

**Offset Guide**
- Lubrizol Estane® 58202, 58370, ZHF 95AT and ZHF 92AT

**Pricing and Availability** – see Price List.
- Sample quantities are available
- Due to high demand, forecast recommended for commercial volumes

**General Product Information**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
<th>Unit</th>
<th>Test Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Density</td>
<td>1.62</td>
<td>g/cm³</td>
<td>ISO 1183-1-a</td>
</tr>
<tr>
<td>Hardness</td>
<td>95</td>
<td>Shore A</td>
<td>DIN ISO 7619-1 (3s)</td>
</tr>
<tr>
<td>Tensile strength</td>
<td>15</td>
<td>MPa</td>
<td>DIN EN ISO 527</td>
</tr>
<tr>
<td>Elongation at break</td>
<td>400</td>
<td>%</td>
<td>DIN EN ISO 527</td>
</tr>
<tr>
<td>Tear strength</td>
<td>42</td>
<td>N/mm</td>
<td>DIN ISO 34-1Bb</td>
</tr>
</tbody>
</table>

Flat films (thickness 1.6mm) are manufactured by extrusion from pre-dried granules (water content less 0.02%). The flat films are aged 20 hrs at 100°C. Specimens are cut from flat films. Test conditions: 23°C ± 2°C and 50% ± 6% rel. humidity.
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