**DuPont Performance Polymers Hypalon® 40 Chlorosulfonated Polyethylene Rubber, General Description (discontinu**

**Category:** Polymer, Thermoset, Rubber or Thermoset Elastomer (TSE), Chlorosulfonated Polyethylene Rubber

**Material Notes:**

**General Hypalon® Information:** Vulcanizates of this chlorosulfonated polyethylene synthetic rubber are highly resistant to ozone, oxygen, weather, heat, oil, and chemicals. Hypalon resists discoloration on exposure to light and is widely used in light-colored vulcanizates. It can be compounded to give excellent mechanical properties. Several grades are available, all of which may be processed and used in the usual manner for solid elastomeric vulcanizates. Various grades of Hypalon have been used in single-ply roofing systems; auto power steering and oil cooler hoses; chemical-resistant liners; cable sheathing; and other coatings. Information provided by DuPont Dow Elastomers. This former DuPont Dow Elastomers product line is now produced by DuPont Performance Elastomers.


### Physical Properties

<table>
<thead>
<tr>
<th>Metric</th>
<th>English</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Density</td>
<td>1.18 g/cc</td>
<td>0.0426 lb/in³</td>
</tr>
</tbody>
</table>

**Mooney Viscosity**

- @Temperature 100 °C: 56
- @Temperature 212 °F: 56
  - ML 1 + 4; ASTM D1646-81

### Mechanical Properties

<table>
<thead>
<tr>
<th>Metric</th>
<th>Metric</th>
<th>English</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hardness, Shore A</td>
<td>40 - 95</td>
<td>40 - 95</td>
<td>ASTM D2240-81</td>
</tr>
<tr>
<td>Tensile Strength, Ultimate</td>
<td>&lt;= 27.6 MPa</td>
<td>&lt;= 4000 psi</td>
<td>With carbon black or gum stocks. ASTM D412-80</td>
</tr>
</tbody>
</table>

**Contact Songhan Plastic Technology Co., Ltd.**

Website: [www.lookpolymers.com](http://www.lookpolymers.com)
Email: sales@lookpolymers.com
Tel: +86 021-51131842
Mobile: +86 13061808058
Skype: lookpolymers
Address: United North Road 215, Fengxian District, Shanghai City, China