EPDM 75 Compound 559274

ERIKS' 559274 is a specialist grade peroxide cured EPDM compound developed for food and pharma applications with improved chemical and thermal resistance.

**Description**

- **Chemical composition:** Terpolymer of ethylene, propylene and diene
- **Physical form:** O-rings
- **Colour:** White
- **Temperature resistance:** −30°C to +150°C

**Application**

- Pharmaceutical
- Food contact
- Dairy

**Compliances**

- USP Class VI
- FDA 21 CFR 177.2600
- 3-A
- ADI
- REACH
- RoHS

Please consult our [Chemical Resistance Guide](#) for more information on this compound.

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**Table 1: Physical properties**

<table>
<thead>
<tr>
<th>Property</th>
<th>Test standard</th>
<th>Value</th>
<th>Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hardness</td>
<td>ASTM D2240</td>
<td>70±5</td>
<td>Shore A</td>
</tr>
<tr>
<td>Elongation at break</td>
<td>ASTM D412</td>
<td>480</td>
<td>%</td>
</tr>
<tr>
<td>Tensile strength</td>
<td>ASTM D412</td>
<td>9.6</td>
<td>MPa</td>
</tr>
<tr>
<td>Compression set – 24 hours at 100°C</td>
<td>ASTM D395</td>
<td>29</td>
<td>%</td>
</tr>
</tbody>
</table>

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