FKM 75 Compound 514712

ERIKS’ 514712 is a specialist grade ter-polymer based on Viton® GFLT developed for food contact and low temperature applications.

**Description**
- **Chemical composition:** Ter-polymer of Tetrafluoroethylene, vinylidene fluoride and hexafluoropropylene
- **Physical form:** O-rings, moulded parts
- **Colour:** Black
- **Temperature resistance:** -30°C to +200°C

**Application**
- Food contact
- Low temperatures

**Compliances**
- FDA 21 CFR 177.2600
- ADI
- REACH
- RoHS

**Additional information**
- Extraction tested

Please consult our Chemical Resistance Guide for more information on this compound.

**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>ISO 48</td>
<td>74±5</td>
<td>IRHD</td>
</tr>
<tr>
<td>Elongation at break</td>
<td>ISO 37</td>
<td>203</td>
<td>%</td>
</tr>
<tr>
<td>Tensile strength</td>
<td>ISO 37</td>
<td>20.9</td>
<td>MPa</td>
</tr>
<tr>
<td>100% Modulus</td>
<td>ISO 37</td>
<td>5.5</td>
<td>MPa</td>
</tr>
<tr>
<td>Compression set – 24 hours at 175°C Slab</td>
<td>ISO 815</td>
<td>13.7</td>
<td>%</td>
</tr>
<tr>
<td>Low temperature resistance TR10</td>
<td>ISO 2921</td>
<td>-24.2</td>
<td>°C</td>
</tr>
</tbody>
</table>

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