EPDM 65 Compound 553172

ERIKS' 553172 is a specialist grade EPDM compound developed for flue gas systems and HVAC applications.

### Description
- **Chemical composition:** Terpolymer of ethylene, propylene and diene
- **Physical form:** O-rings
- **Colour:** Grey
- **Temperature resistance:** -40°C to +120°C

### Application
- Flue gas systems
- HVAC

### 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>68±5</td>
<td>Shore A</td>
</tr>
<tr>
<td>Elongation at break</td>
<td>ASTM D412</td>
<td>350</td>
<td>%</td>
</tr>
<tr>
<td>Tensile strength</td>
<td>ASTM D412</td>
<td>9.8</td>
<td>MPa</td>
</tr>
<tr>
<td>100% Modulus</td>
<td>ASTM D412</td>
<td>3.1</td>
<td>MPa</td>
</tr>
<tr>
<td>Compression set – 24 hours at 125°C Slab</td>
<td>ASTM D395</td>
<td>10.9</td>
<td>%</td>
</tr>
</tbody>
</table>

### Compliances
- MPA
- ADI
- REACH
- RoHS

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

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