MARKEZ® Z1409 PERFLUOROELASTOMER
TECHNICAL DATASHEET

FDA COMPLIANT COMPOUND
Markez Z1409 is a medium temperature Perfluoroelastomer compound with extensive chemical compatibility suitable for the food industry and pharmaceutical applications.

FEATURES AND BENEFITS
- Excellent chemical compatibility.
- FDA compliant.
- High temperature resistance.
- Suitable for Steam-In-Place (SIP) Cleaning.
- Suitable for Ozonated Deionized Water.

APPLICATIONS
- Acetic acid
- Acetone
- Citric Acid
- Hydrogen peroxide
- Isopropyl alcohol
- Methyl ethyl ketone
- Mineral oil
- Sodium hydroxide (NaOH)
- Nitric acid
- Sodium hypochlorite
- Soybean oil
- Steam
- Toluene
- Xylene

TYPICAL PHYSICAL PROPERTIES

<table>
<thead>
<tr>
<th>PROPERTIES</th>
<th>ASTM</th>
<th>VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color</td>
<td></td>
<td>Black</td>
</tr>
<tr>
<td>Material Type</td>
<td></td>
<td>FFKM</td>
</tr>
<tr>
<td>Hardness: (°IRHD)</td>
<td>D1415</td>
<td>D2240 75</td>
</tr>
<tr>
<td>Tensile Strength MPa (PSI)</td>
<td>D412</td>
<td>17.5 (2,520)</td>
</tr>
<tr>
<td>Elongation at Break</td>
<td>D412</td>
<td>140%</td>
</tr>
<tr>
<td>Compression Set 72 hrs. @ 200°C (392 °F)</td>
<td>D395</td>
<td>17%</td>
</tr>
<tr>
<td>Minimum Operating Temperature</td>
<td></td>
<td>-15°C (5°F)</td>
</tr>
<tr>
<td>Maximum Operating Temperature</td>
<td></td>
<td>230°C (450°F)</td>
</tr>
</tbody>
</table>

Date: 2016-7-1

This information is to the best of our knowledge accurate and reliable. However, Marco Rubber makes no warranty, expressed or implied, that parts manufactured from this material will perform satisfactorily in the customer’s application. It’s the customer’s responsibility to evaluate parts prior to use. Markez® is a Registered Trade name of Marco Rubber.