MARKEZ® Z1204 PERFLUOROELASTOMER
TECHNICAL DATASHEET

COMPUND FOR THE FOOD AND PHARMACEUTICAL APPLICATIONS
Markez Z1204 was specifically developed for the food handling and pharmaceutical industries.

FEATURES AND BENEFITS

- Excellent chemical compatibility.
- FDA and USP Class VI compliant.
- High temperature resistance.
- Suitable for Steam-In-Place (SIP) Cleaning.
- Suitable for Ozonated Deionized Water.
- Suitable for Water for Injection (WFI) Systems.

APPLICATIONS

- Acetic acid
- Acetone
- Citric Acid
- Hydrogen peroxide
- Isopropyl alcohol
- Methyl ethyl ketone
- Mineral oil
- 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>FFKM</td>
<td></td>
</tr>
<tr>
<td>Hardness: (°IRHD)</td>
<td>D1415</td>
<td></td>
</tr>
<tr>
<td></td>
<td>D2240</td>
<td>75</td>
</tr>
<tr>
<td>Tensile Strength MPa (PSI)</td>
<td>D412</td>
<td>20.08 (3,000)</td>
</tr>
<tr>
<td>Elongation at Break</td>
<td>D412</td>
<td>160%</td>
</tr>
<tr>
<td>Compression Set 72 hrs. @ 200°C (392 °F)</td>
<td>D395</td>
<td>32%</td>
</tr>
<tr>
<td>Minimum Operating Temperature</td>
<td></td>
<td>-7°C (20°F)</td>
</tr>
<tr>
<td>Maximum Operating Temperature</td>
<td></td>
<td>230°C (450°F)</td>
</tr>
</tbody>
</table>

Date: 2016-7-1

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