Material: Perfluoroelastomer 90 Shore

Developed for Oil and Gas Industries. High chemical resistance. Very low temperature capability.

Color: Black

General Service Temperature Range: -40°C to 230°C continuous (+260°C Peak)

<table>
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<tr>
<th>Physical Properties</th>
<th>Test Method</th>
<th>Test Result</th>
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<tr>
<td>Hardness Shore A</td>
<td>ASTM D2240</td>
<td>90</td>
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<tr>
<td>Tensile Strength, MPa</td>
<td>ASTM D412</td>
<td>13</td>
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<tr>
<td>Elongation, %</td>
<td>ASTM D412</td>
<td>114</td>
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<tr>
<td>Modulus 100%</td>
<td>ASTM D412</td>
<td>10.3</td>
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</table>

Compression Set

70hrs @ 200°C %

ASTM D395/B 23

Low Temperature Flexibility

TR -10°C

ASTM D1329 -30

Steam Immersion, 168hrs @ 220°C

Hardness Change, Shore A

ASTM D471 -2

Tensile Strength Change, %

ASTM D471 -26

Elongation Change, %

ASTM D471 +39

Volume Change, %

ASTM D471 +0.6

Methanol Immersion, 168hrs @ 23°C

Hardness Change, Shore A

ASTM D471 -1

Tensile Strength Change, %

ASTM D471 -8

Elongation Change, %

ASTM D471 +6

Volume Change, %

ASTM D471 +0.8

Ethylene Diamine Immersion 72hrs @ 100°C

Hardness Change, Shore A

ASTM D471 -9

Tensile Strength Change, %

ASTM D471 -39

Elongation Change, %

ASTM D471 +57

Volume Change, %

ASTM D471 +11

The above test results are based on test slabs/buttons. The results from the actual parts may be different.

Issue Date: 06.04.2018