

FF156-75

Excellent Compression Set Resistance
with Broad Chemical Compatibility



Extend Seal Life with FF156:

Parker's ULTRA™ FF156 delivers long seal life and reduces cost of ownership for end-users. With excellent chemical resistance and high temperature stability (up to 527°F), FF156 can withstand exposure to the most aggressive environments across a wide range of industries.

Reducing the frequency of seal maintenance and keeping equipment up and running is imperative in today's operations. FF156 offers excellent resilience giving it a significant advantage for users pressing for longer seal life. Along with its superior compression set resistance, FF156 exhibits



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Product Features:

- 75 Shore A Hardness
- Broad Chemical Resistance
- Maximum Operating Temperature Up To 527°F
- Excellent Compression Set Resistance for Longer Seal Life
- Cost Effective Sealing Solution
- Available in O-Rings, Molded Shapes, Extruded and Spliced Geometries



ENGINEERING YOUR SUCCESS.

| Property | Test Method | FF156-75 Test Results |
|--|-------------|-----------------------|
| Original physical properties | Test Method | Test Results |
| Hardness, shore A, pts. | ASTM D2240 | 76 |
| Tensile strength, psi | ASTM D1414 | 1500 |
| Ultimate Elongation, % | ASTM D1414 | 160 |
| Modulus @ 100% elongation, psi | ASTM D1414 | 1150 |
| Specific gravity | ASTM D297 | 1.87 |
| Low temperature retraction, ASTM D1329 | | |
| TR-10, °C | | -6 |
| Compression set, ASTM D395 Method B | | |
| 70 hrs. @ 392°F (200°C), % of original deflection | | 10 |
| 70 hrs. @ 446°F (230°C), % of original deflection | | 12 |
| 70 hrs. @ 482°F (250°C), % of original deflection | | 13 |
| 70 hrs. @ 500°F (260°C), % of original deflection | | 20 |
| Fluid immersion steam, UPDI Steam, 70 hrs. @500°F (121°C), ASTM D471 | | |
| Hardness change, pts. | | -1 |
| Volume change, % | | +3 |
| Fluid immersion, ethylene diamine, 70 hrs. @ 194°F (90°C), ASTM D471 | | |
| Hardness change, pts. | | -3 |
| Volume change, % | | +6 |

resistance to aggressive media including acids, amines, hot water, ketones, aldehydes, esters, ethers, aromatics, and many more.



Test Method used ASTM D395 Method B

Parker's FF156 compound exhibits outstanding compression set resistance versus the competition's industry leading chemical resistant perfluoroelastomers (FFKM).

