



Parker Hannifin Corporation  
Engineered Seals Division  
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**COMPOUND:** V4461-90  
**DATE:** April 17, 2017

**Results****ORIGINAL PHYSICAL PROPERTIES:**

|                                  |      |
|----------------------------------|------|
| Hardness, Shore A Points (D2240) | 93   |
| Tensile, psi (D412)              | 2872 |
| Elongation, % (D412)             | 92   |

**HEAT RESISTANCE: (D573)****70 hrs @ 150 °C**

|                         |    |
|-------------------------|----|
| Hardness Change, points | +4 |
| Tensile Change, %       | -2 |
| Elongation Change, %    | -5 |

**COMPRESSION SET: (D395B)****70 hrs. @ 150 °C (Plied)**

|        |    |
|--------|----|
| Set, % | 28 |
|--------|----|

**IRM 903 OIL: (D471)****70 hrs. @ 150 °C**

|                  |     |
|------------------|-----|
| Volume Change, % | +44 |
|------------------|-----|