



# MATERIAL REPORT



CONTACT US

REPORT NUMBER:  
DATE: 02/19/99

**TITLE:** Evaluation of Parker Compound V1436-75  
**PURPOSE:** To obtain general data.

Recommended temperature limits: -15<sup>0</sup>F to 400<sup>0</sup>F

### Recommended For

Petroleum, mineral, and vegetable oils  
Silicone fluids  
Aromatic hydrocarbons (benzene, toluene)  
Chlorinated hydrocarbons  
High vacuum  
Ozone, weather, and aging resistance

### Not Recommended For

Hot water and steam  
Auto and aircraft brake fluids  
Amines  
Ketones  
Low molecular weight esters and ethers



## REPORT DATA

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	<b>V1436-75 Slab Results</b>
<u>Basic Physical Properties</u>	
Hardness	80
Tensile Strength, psi	1682
Elongation, %	175
100% Modulus, psi	1011
Specific Gravity	1.88
<u>Heat Aging, 168 HRS @ 150°C</u>	
Hardness Change, pts	0
Tensile Change, %	-6
Elongation Change, %	-2
<u>Compression Set, 70 HRS @ 150°C</u>	
% of Original Deflection, max	8
<u>Fluid Resistance, ASTM #3 Oil, 70 HRS @ 150°C</u>	
Hardness Change, pts	0
Tensile Change, %	+2
Elongation Change, %	+16
Volume Change, %	+2
<u>Fluid Resistance, ASTM Ref. Fuel C, 70 HRS @ 25°C</u>	
Hardness Change, pts	-7
Tensile Change, %	-27
Elongation Change, %	-23
Volume Change, %	+6
<u>Fluid Resistance, ASTM Ref. Fuel C/ Ethanol, 70 HRS @ 25°C</u>	
Hardness Change, pts	-13
Tensile Change, %	-37
Elongation Change, %	-16
Volume Change, %	+14