



# MATERIAL REPORT

REPORT NUMBER: KK1542  
DATE: 12/09/82

**TITLE:** Evaluation of Parker Compound V0986-50

**PURPOSE:** To obtain general information

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, 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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<u>ORIGINAL PHYSICAL PROPERTIES</u>	<u>COMPOUND</u>
Hardness, Shore A, pts.	54
Tensile Strength, psi.,	1425
Elongation, %	450
100% Modulus	173
<u>COMPRESSION SET, ASTM D395</u>	
<u>70 HRS. @ 392° F</u>	
% of Original Deflection, max	29.4

Original Physical Properties tested on 6x6x.075 platen sheets

Compression set tested on 2-214 (.139 C.S.) O-rings.