



MATERIAL REPORT



REPORT NUMBER: KK1542
DATE: 12/09/82

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TITLE: Evaluation of Parker Compound V0986-50

PURPOSE: To obtain general information

Recommended temperature limits: -15⁰F to 400⁰F

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.