



MATERIAL REPORT



REPORT NUMBER: KK0655
DATE: 12/17/76

[CONTACT US](#)

TITLE: Evaluation of Parker Compound V0769-60
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

Report Number: KK0655

<u>ORIGINAL PHYSICAL PROPERTIES</u>	PARKER COMPOUND V0769-60
Hardness, Shore A, pts.	2-214 O-RINGS
Tensile Strength, psi.	60
Elongation, %	1050
Modulus @ 100%	230
	396
<u>AROMATIC FUEL RESISTANCE, ASTM D471, FUEL 111, 70 HRS. @ ROOM TEMPERATURE</u>	
Hardness Change, pts.	-1
Tensile Change, %	-30
Elongation Change, %	-7
Volume Change, %	+2.2
<u>FLUID IMMERSION, ASTM D471, STAUFFER 7700, 70 HRS. @ 392° F ± 5.4</u>	
Hardness Change, pts.	-6
Tensile Change, %	-38
Elongation Change, %	-2
Volume Change, %	+22.9
<u>DRY HEAT RESISTANCE, ASTM D573 70 HRS. @ 482° F ± 5.4</u>	
Hardness Change, pts.	+1
Tensile Change, %	+20
Elongation Change, %	+5
Weight Loss, %	-1.5
Surface Hardening	None
Bend (Flat)	No Cracking or Checking
<u>COMPRESSION SET, ASTM D395, 70 HRS. @ 392° F ± 5.4</u>	
% of Original Deflection	18.2
<u>LOW TEMPERATURE RESISTANCE</u>	
TR - 10 Point	½° F