MATERIAL REPORT

REPORT NUMBER: KK0655
DATE: 12/17/76

TITLE: Evaluation of Parker Compound V0769-60
PURPOSE: To obtain general information.

Recommended temperature limits: -15^0F to 400^0F

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

Parker O-Ring Division
2360 Palumbo Drive
Lexington, Kentucky 40509
(859) 269-2351

Compound Data Sheet
Parker O-Ring Division United States

REPORT DATA

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

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