



MATERIAL REPORT

REPORT NUMBER: KK1812

DATE: 7/28/1986

TITLE: Evaluation of Parker Compound B0612-70 to ASTM D2000 M3
BA 707 A14, Z1

PURPOSE: To document conformance.

CONCLUSION: Parker Compound B0612 is capable of meeting these requirements.

Recommended temperature limits: -75 to +250 F

Recommended For

Vacuum and Gas
Phosphate Esters
Hydraulic Fluids
Ketones
Silicone Fluids

Not Recommended For

Petroleum Oils
Di-Ester Base Lubricants



Compound Data Sheet
Parker O-Ring Division United States

REPORT DATA

Report Number: KK1812

	ASTM D2000 M3 BA 707 A14 Z1 Z2 Pass / Fail Limits	B0612-70 O-Rings	B0612-70 Platens
<u>Basic Physical Properties</u> Hardness, Shore A, pts. Tensile Strength, psi Elongation, %	70 1015 min. 200 min.	71 1122 228	72 1879 305
<u>Heat Age, 70 H @ 212 °F</u> Hardness Change, pts. Tensile Change, % Elongation Change, %	+10 max -25 -25	+1 -5.9 -11	+2 -12.3 -1.6
<u>Z2 Compression Set, 70 H @ 212°F</u> % of Original Deflection	25 max.		12.9
<u>Z1 Infrared Scan</u>	Butyl	Butyl	Butyl

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