



MATERIAL REPORT

Report Number: KK0921

Date: 1/19/79

TITLE: Evaluation of Parker Compound E0692-75 to ASTM D 2000 SAE J200 requirements 2AA 712 A13 F17 L14 Z1 (75 ±5 Durometer)

PURPOSE: To verify E0692-75 meets the above specification.

CONCLUSION: Parker Compound E069-75 meets or exceeds all phases of the specification.

Recommended temperature limits: -70°F to 250 °F

Recommended For

Hot water and steam

Glycol based brake fluid

Many organic and inorganic acids

Cleaning agents, soda and potassium alkalis

Phosphate –ester based hydraulic fluids

Silicone oil and grease

Polar solvents

Ozone, Aging and weather resistance

Not Recommended For

Mineral oil products



Compound Data Sheet
Parker O-Ring Division United States

REPORT DATA

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	<u>E0692-75</u> <u>Specification</u>	<u>E0692-75 Test</u> <u>Slabs</u>	<u>E0692-75 2-214</u> <u>o-rings</u>
<u>Basic Physical Properties</u>			
Hardness, Shore A, pts.	70 ± 5	75	75
Tensile Strength, psi	1200	1740	1650
Elongation, %	200	213	215
<u>Dry Heat Resistance, 70 H @ 158</u> <u>°F</u>			
Hardness Change, pts.	±15	75 (0)	76 (+1)
Tensile Change, %	±30	1600 (-8)	1429 (-13.4)
Elongation Change, %	-50 max.	187 (-12.2)	157 (-23.4)
<u>Compression Set, 22 H @ 158 °F</u>			
Percent of original deflection	50 max.	+ 6.2	+ 8.6
<u>Fluid Immersion, Water, 70 H @</u> <u>212 °F</u>			
Volume Change, %	+10 max.	+1.5	+1.7
<u>Low Temperature Test</u>			
3 min. @ -40 ° F	Pass	Pass	-----

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