



Compound Data Sheet
O-Ring Division United States

MATERIAL REPORT

REPORT NUMBER: KK1221

DATE: 04/09/81

TITLE: Evaluation of Parker Compound N0828-70.

PURPOSE: General data retrieval.

Recommended Temperature Range: -30 to 225F

Recommended for: petroleum oils, water (up to 212F),
Salt & Alkali solutions, weak acids

Not Recommended for: aromatic fuels, strong acids,
glycols, ozone, polar solvents

Parker O-Ring Division
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REPORT DATA

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**COMPOUND N0828-70
2-214 O-RINGS**

	B/N	B/N	B/N	B/N
<u>ORIGINAL PHYSICAL PROPERTIES</u>	<u>249655</u>	<u>249829</u>	<u>249830</u>	<u>249831</u>
Hardness, Shore A, pts.	70	69	69	70
Tensile Strength, psi.	1831	1617	1815	1749
Elongation, %	210	223	239	213
Modulus @ 100%	561	462	495	528
HEAT AGE				
<u>70 HRS. @ 212°F</u>				
Hardness Change, pts.	+ 3	+ 3	+ 4	+ 3
Tensile Change, %	+37.0	+50.0	+27.3	+32.9
Elongation Change, %	+ 6.2	+11.7	- 8.4	+13.6
Weight Change	- 3.6	- 3.5	- 3.6	- 3.3
COMPRESSION SET,				
<u>70 HRS. @ 212°F</u>				
% of Original Deflection	25.7	28.6	28.6	25.7