



**Compound Data Sheet**  
**O-Ring Division United States**

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# **MATERIAL REPORT**

REPORT NUMBER: KK2155  
DATE: 11/07/91

**TITLE:** Test Parker Compound E0515-80 to ASTM D2000 Line  
Callout M2AA810 A13 EA14 F17.

**PURPOSE:** To determine if compound E0515-80 meets said line callout.

**CONCLUSION:** Parker compound E0515-80 meets the requirements of said  
line callout.

Parker O-Ring Division  
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## REPORT DATA

Report Number: KK2155

COMPOUND: E0515-80  
ASTM D2000 M2AA810 A13 EA14 F17

<u>BASIC REQUIREMENT</u>	<u>LIMIT</u>	<u>RESULTS</u>
Hardness, Shore A, pts.	80 ± 5	82
Tensile Strength, MPa (psi.)	10 (1450)	12.8 (1855)
Elongation, %	150	181
<u>COMPRESSION SET</u>		
<u>22 HRS @ 70°C (158°F)</u>		
Max., %	50	8.4
<u>A13, HEAT AGE</u>		
<u>70 HRS @ 70°C (158°F)</u>		
Hardness Change, pts	± 15	0
Tensile Change, %	± 30	- 20.3
Elongation Change, %	- 50	- 25.4
<u>EA14, WATER RESISTANCE</u>		
<u>70 HRS @ 100°C (212°F)</u>		
Volume Change, %	10	- .4
<u>F17, LOW TEMP BRITTLENESS</u>		
<u>3 MIN @ -40°C (-40°F)</u>		
Non Brittle	Pass	Pass