



MATERIAL REPORT

TITLE: Parker Compound V0680-70

PURPOSE: To provide a general profile of this material.

CONCLUSION: This compound is not evaluated to an ASTM D2000 specification. Data is for reference only.

Recommended Temperature Range: -15°F to 400°F

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

REPORT DATA

ASTM D2000
ORIGINAL PHYSICALS

M4HK710A1-10
EF31EO78

V0680-70
Results

Hardness	70 ± 5	65
Tensile Strength, psi, min.	1450	1290
Elongation, %, min.	175	335
Specific Gravity	As Determined (+/-0.02)	2.20

A1-10 HEAT AGE
70 HRS. @ 250°C (482°F)

Hardness Change, %	+ 10	+3
Tensile Change, %	- 25	+14.4
Elongation, %	- 25	-2.7

FLUID IMMERSION
FUEL B

70 HRS @ 23°C (73°F)

Hardness, pts (Chg, pts)	± 5	+2
Tensile Strength, psi (Chg %)	-25 max	-16.7
Elongation Decrease, (Chg %)	-20 max	-4.9
Volume Change, %	0 to +10	+2.0

FLUID IMMERSION
FUEL C

70 HRS @ 23°C (73°F)

Volume Change, %	0 to +10	+4.0
------------------	----------	------

(EO78) FLUID IMMERSION
SERVICE LIQUID NO. 101
70 HRS @ 200°C (392°F)

Hardness, pts (Chg, pts)	-15 to +5	-6
Tensile Strength, psi (Chg %)	-40 max	-4
Elongation Decrease, (Chg %)	-20 max	+17.2
Volume Change, %	0 to +15	+12.3