



# MATERIAL REPORT

Date: 09/25/98

**TITLE:** Evaluate Parker NSF 61 Compound N1517-70

**PURPOSE:** General Data.

**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  
2360 Palumbo Drive  
Lexington, Kentucky 40512  
(859) 269-2351

## REPORT DATA

### ORIGINAL PHYSICAL PROPERTIES

Hardness, Shore A, pts.  
Tensile Strength, psi  
Elongation, %

PLATENS  
COMPOUND  
N1517-70

75  
2880  
222

### HEAT AGING

#### 70 HRS @ 100C

Hardness Change, pts  
Tensile Change, %  
Elongation Change, %

+1  
+11  
0

### WATER IMMERSION

#### 168 HRS. @ 100°C

Hardness Change, pts.  
Tensile Change, %  
Elongation Change, %  
Volume Change, %

0  
+3  
-7  
+5.3