



Compound Data Sheet
O-Ring Division United States

MATERIAL REPORT

Date: 01/15/2002

TITLE: General evaluation of Parker's General Purpose Ethylene Propylene compound EB152-70.

PURPOSE: To provide a general physical and chemical attribute profile of this compound.

Temperature: -70 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

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

REPORT DATA

ORIGINAL PHYSICAL PROPERTIES

Hardness, Shore A
Tensile Strength, min.
Elongation at Break, min.

PLATENS

68
2320
253

HEAT AGED

70 Hrs. @ 257° F

Hardness Change, pts.
Tensile Strength Change, max
Elongation Change, max

+2
-5
-8

Compression Set

ASTM D 395, Method B

22 Hrs. @ 257°F (Plied)

% of original Deflection (plied)

17%

Fluid Immersion ASTM D471

Water 70 Hrs. @ 212°F

Volume Change, %

-2

Low Temperature Brittleness ASTM D2137

Nonbrittle after 3 min. @ -55 °C

Passed

Tear Strength Die C ASTM D624

kN/m

31

“Purchaser use only. Reproduce only in full. Data pertains to items referenced only.”
**“The recording of false, fictitious or fraudulent statements or entries on
 this report may be punishable as a felony under federal law.”**