



# MATERIAL REPORT

DATE: 06/19/2001

- TITLE:** General evaluation of Parker Compound E1157-60.
- PURPOSE:** To obtain general data on Parker Compound E1157-60.
- CONCLUSION:** Parker Compound E1157-60 is a good purpose 60 durometer Ethylene Propylene compound acceptable for use in both static and dynamic applications.

Recommended temperature limits: -70°F 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



## REPORT DATA

### E1157-60 2-224 Test Results

#### Basic Physical Properties

Hardness, Shore A, pts.	60
Tensile Strength, psi.	1150
Elongation, %	286
Modulus @100%, psi	231
Specific Gravity	1.13

#### Compression Set, 70 H @ 257 °F, 2-214 O-Rings

.139 in. Cross Section, % Deflection	8.7
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#### Heat Aging, 70 H @ 212 °F

Hardness Change, pts	-1
Tensile Change, %	-14
Elongation Change, %	-5

#### Fluid Immersion, DC200 Silicone Fluid, 70 H @ 212 °F

Volume Change, % max.	-1.3
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