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Compound Data Sheet
Parker O-Ring Division United States

MATERIAL REPORT

DATE: Nov. 2001

TITLE: Evaluation of Parker compound AA154-70 (formerly 12358).

PURPOSE: General data for test platens

Recommended temperature limits: -40 °F to 325 °F

Recommended For

Mineral oil (engine, gear box, ATF oil)
Ozone, weather and aging resistance

Not Recommended For

Glycol Brake Fluid
Aromatics and chlorinated hydrocarbons
Hot water, steam
Acids, alkalis, amines

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



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REPORT DATA

AA154-75 (12358) Platen Results

Basic Physical Properties

Hardness, Shore A, pts.	74
Tensile Strength, psi.	1785
Elongation, %	193

Dry Heat Resistance, ASTM D573 70 H @ 347 °F

Hardness Change, pts	+11
Tensile Change, %	-22
Elongation Change, %	-2

Fluid Immersion, ASTM #1 Oil, 70 H @ 302 °F

Hardness Change, pts	+3
Tensile Change, %	+2
Elongation Change, %	+2

Compression Set, ASTM D395 Method B 22 H @ 333°F

Percent of Original Deflection (plied)	29
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Fluid Immersion, IRM 903, 70H @ 302 °F

Hardness Change, pts.	-12
Tensile Change, %	-10
Elongation Change, %	+9

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