



MATERIAL REPORT



REPORT NUMBER:
DATE: 2/04/2004

CONTACT US

TITLE: Evaluation of green Parker Compound VW252-65

PURPOSE: To obtain general information

Recommended temperature limits: -15⁰F to 400⁰F

Recommended For

Fuels

Petroleum, mineral, and vegetable oils

Silicone fluids

Aromatic hydrocarbons (benzene, toluene)

Chlorinated hydrocarbons

High vacuum

Ozone, weather, aging resistance

Not Recommended For

Hot water and steam

Auto and aircraft brake fluids

Amines

Ketones

Low molecular weight esters and ethers



REPORT DATA

	Test Results
Original Physical Properties, ASTM D412, D2240	
Hardness, Shore A, pts.	67
Tensile Strength, MPa	10.3
Ultimate Elongation, %	258
Compression Set, ASTM D395 Method B (22 hrs. @ 347°F)	
Percent of Original Deflection (plied)	25
Dry Heat Resistance, ASTM D573 (70 hrs. @ 482°F)	
Hardness Change, pts.	0
Tensile Change, %	+2
Elongation Change, %	+21
Fluid Immersion, ASTM D471 Fuel C, (70 hrs. @ 73°F)	
Hardness Change, pts.	+2
Tensile Change, %	-8
Elongation Change, %	+2
Volume Change, %	+2
Low Temperature Flex (D1329) (24 hrs. @ -35°C)	
No Cracks	pass
Permeation Constant (Thwing-Albert Cup Method) CE10 Fuel@40C (g*mm)/(m2*day)	
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