



MATERIAL REPORT



REPORT NUMBER:
DATE: 02/19/99

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TITLE: Evaluation of Parker Compound V1262-65 to ASTM D2000
M7HK 607 A1-10 B38 EF31 Z1 Z2

PURPOSE: To determine if V1262-65 meets the requirements.

CONCLUSION: Compound V1262-65 meets the ASTM D2000 callout.

Recommended temperature limits: -15⁰F to 400⁰F

Recommended For

Flex fuels
Petroleum, mineral, and vegetable oils
Silicone fluids
Aromatic hydrocarbons (benzene, toluene)
Chlorinated hydrocarbons
High vacuum
Ozone, weather, and aging resistance

Not Recommended For

Hot water and steam
Auto and aircraft brake fluids
Amines
Ketones
Low molecular weight esters and ethers



REPORT DATA

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	ASTM D2000 M7HK 607 A1-10 B38 EF31 Z1 Z2 Pass / Fail Limits	V1262-65 Slab Results
<u>Basic Physical Properties</u>		
Hardness	65 +/- 5 (Z1)	67
Tensile Strength, MPa min	7	11.0
Elongation, % min	200	323
100% Modulus, MPa	Not required	2.3
<u>Heat Aging, 70 HRS @ 250°C</u>		
Hardness Change, pts max	+10	0
Tensile Change, % max	-25	-4.9
Elongation Change, % max	-25	+5.3
<u>Compression Set ASTM D395, Method B, 22 HRS @ 200°C, plies</u>		
% of Original Deflection, max	20	12
<u>Fluid Resistance, ASTM Ref. Fuel C, 70 HRS @ 23°C</u>		
Hardness Change, pts	+/-5	-4
Tensile Change, % max	-25	-11
Elongation Change, % max	-20	-6
Volume Change, %	0 to +10	+1.5
<u>(Z2) Fluid Immersion, 50/50 by volume Ref. Fuel C/Methanol, 70 HRS @ 23°C</u>		
Volume Change, % max	+10	+7.7