



MATERIAL REPORT



REPORT NUMBER: KT2051
DATE: 02/21/90

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TITLE: Evaluation of Parker Compound V0884-75 to ASTM D2000 M4HK710 A1-11 B38 Z1 Z2

PURPOSE: To determine if V0884-75 meets the requirements.

CONCLUSION: Compound V0884-75 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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ORIGINAL PHYSICAL PROPERTIES M4HK710 A1-11 B38 Z1 Z2 V0884-75

Hardness, Shore A, pts.	70 - 80	75
Tensile Strength, psi.	1600	1952
Elongation, %	175	176

HEAT AGE, 70 HRS. @ 528°F

Hardness Change, pts	-5 to +10	+7
Tensile Change, %	-40	-16
Elongation Change, %	-20	-14

Compression Set, 22 hrs. @ 392°F

% deflection, max	20	12
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Z1 = 75 ± 5 Durometer

Z2 = Brown Color