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TECHNICAL REPORT

PHYSICAL PROPERTIES OF 90 DUROMETER NITRILE

ORIGINAL PROPERTIES:

Hardness Shore A Durometer	89 pts
Tensile Strength	2,340 psi
Elongation	160 %

HEAT RESISTANCE: (70HRS X 212F)

Hardness change	+1 pts
Tensile strength change	-14.2 %
Elongation change	-36 %

COMPRESSION SET: (22HRS X 212F)

Set	12.8 %
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OIL RESISTANCE TEST: (70HRS X 212F)

	<u>ASTM NO 1 OIL</u>	<u>NO.3 OIL</u>
Hardness change	+1 pts	-3 pts
Tensile strength change	-14.6 %	-19 %
Elongation change	-36.9 %	-32 %
Volume change	-2.2 %	+12 %