



**R.E.A.L. SEAL CO.**  
**MATERIAL DATA SHEET**  
**COMPOUND # 4150**

<u>ORIGINAL PHYSICAL PROPERTIES</u>	<u>SPEC</u>	<u>4150</u>
HARDNESS, SHORE A PTS	50 +/- 5	52
ULTIMATE TENSILE STRENGTH, PSI	1450 MIN	1624
ULTIMATE ELONGATION, %	300 MIN	351
 <u>COMPRESSION SET (ASTM D 395B)</u>		
22HRS @ 100C		
% SET	25 MAX	12
 <u>WATER RESISTANCE (ASTM D 471)</u>		
70 HRS @ 100 C		
CHANGE IN HARDNESS, PTS	+/- 10 MAX	-8
CHANGE IN VOLUME, %	+/- 15 MAX	+12
 <u>OIL RESISTANCE (ASTM D 471)</u>		
70 HRS IN OIL #1 @ 150 C		
CHANGE IN HARDNESS, PTS	-5 TO +10	+4
CHANGE IN TENSILE, %	-25 MAX	-2
CHANGE IN ELONGATION, %	-45 MAX	-26
CHANGE IN VOLUME, %	-10 TO +5	+1
 <u>OIL RESISTANCE (ASTM D 471)</u>		
70 HRS IN OIL # IRM903 @ 150 C		
CHANGE IN HARDNESS, PTS	0 TO -20	-2
CHANGE IN TENSILE, %	-45 MAX	-22
CHANGE IN ELONGATION, %	-45 MAX	-25
CHANGE IN VOLUME, %	0 TO +35	+8
 <u>LOW TEMP BRITTLENESS (ASTM D 2137)</u>		
NONBRITTLE AFTER 3 MIN @ -55 C	PASS	PASS
 <u>COLOR</u>	 REPORT	 BLACK