



**R.E.A.L. SEAL CO.**  
**MATERIAL DATA SHEET**  
**COMPOUND # 8820**

<u>ORIGINAL PHYSICAL PROPERTIES</u>	<u>SPEC</u>	<u>8820</u>
HARDNESS, SHORE A PTS	70 +/-5	70
ULTIMATE TENSILE STRENGTH, PSI	870 MIN	945
ULTIMATE ELONGATION, %	150 MIN	190
MODULUS @ 100%	----	420
 <u>HEAT RESISTANCE (ASTM D 573)</u>		
<u>70 HRS @ 225 C</u>		
CHANGE IN HARDNESS, PTS	+10 MAX	+6
CHANGE IN TENSILE, %	-25 MAX	-10
CHANGE IN ELONGATION, %	-30 MAX	-28
 <u>COMPRESSION SET (ASTM D 395B)</u>		
<u>22 HRS @ 175 C</u>		
% SET	30 MAX	15
 <u>OIL RESISTANCE (ASTM D 471)</u>		
<u>70 HRS @ 150 C IN OIL #1</u>		
CHANGE IN HARDNESS, PTS	0 TO -15	-6
CHANGE IN TENSILE, %	-20 MAX	-17
CHANGE IN ELONGATION, %	-20 MAX	-19
CHANGE IN VOLUME, %	0 TO +10	+8
 <u>OIL RESISTANCE (ASTM D 471)</u>		
<u>70 HRS @ 150 C IN OIL #3</u>		
CHANGE IN TENSILE, %	0 TO -15	-6
CHANGE IN VOLUME, %	+60 MAX	+43
 <u>LOW TEMP RESISTANCE ( ASTM D 2137)</u>		
<u>3 MIN @ -55 C</u>		
REPORT	PASS	PASS
 <u>COLOR</u>	 REPORT	 RED