



R.E.A.L. SEAL CO.
MATERIAL DATA SHEET
COMPOUND # 8819

<u>ORIGINAL PHYSICAL PROPERTIES</u>	<u>SPEC</u>	<u>8819</u>
HARDNESS, SHORE A PTS	60 +/-5	60
ULTIMATE TENSILE STRENGTH, PSI	870 MIN	1049
ULTIMATE ELONGATION, %	150 MIN	255
MODULUS @ 100%	----	373
 <u>HEAT RESISTANCE (ASTM D 573)</u>		
<u>70 HRS @ 225 C</u>		
CHANGE IN HARDNESS, PTS	+10 MAX	+2
CHANGE IN TENSILE, %	-25 MAX	-20
CHANGE IN ELONGATION, %	-30 MAX	-20
 <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	-15
CHANGE IN VOLUME, %	0 TO +10	+3
 <u>OIL RESISTANCE (ASTM D 471)</u>		
<u>70 HRS @ 150 C IN OIL #3</u>		
CHANGE IN TENSILE, %	0 TO -15	-9
CHANGE IN VOLUME, %	+60 MAX	+40
 <u>LOW TEMP RESISTANCE (ASTM D 2137)</u>		
<u>3 MIN @ -55 C</u>		
REPORT	PASS	PASS
 <u>COLOR</u>	 REPORT	 RED