



**R.E.A.L. SEAL CO.**  
**MATERIAL DATA SHEET**  
**COMPOUND #68290**

<u>ORIGINAL PHYSICAL PROPERTIES</u>	<u>SPEC</u>	<u>68290</u>
HARDNESS, SHORE A PTS	90 +/- 5	92
ULTIMATE TENSILE STRENGTH, PSI	5000 MIN	8756
ULTIMATE ELONGATION, %	500 MIN	618
MODULUS @ 100%, PSI	-----	1878
MODULUS @ 300% PSI	-----	3427
<u>COMPRESSION SET (ASTM D 395B)</u>		
<u>70 HRS @ 70C</u>		
% SET	20 MAX	15
<u>COMPRESSION SET (ASTM D 395B)</u>		
<u>70 HRS @ 100C</u>		
% SET	35 MAX	29
<u>OIL RESISTANCE (ASTM D 471)</u>		
<u>70 HRS @ 100C IN ASTM #1</u>		
CHANGE IN HARDNESS, PTS	+/- 5	NC
CHANGE IN TENSILE, %	-15 MAX	-10
CHANGE IN ELONGATION, %	-20 MAX	-4
CHANGE IN VOLUME, %	-10 TO +5	-0.38
<u>OIL RESISTANCE (ASTM D 471)</u>		
<u>70 HRS @ 100C IN ASTM #3</u>		
CHANGE IN HARDNESS, PTS	+/- 5	NC
CHANGE IN TENSILE, %	-25 MAX	-11
CHANGE IN ELONGATION, %	-25 MAX	-4
CHANGE IN VOLUME, %	-10 TO +5	+0.85
<u>TEAR STRENGTH (ASTM D624 DIE C)</u>		
PLI	500 MIN	874
<u>ABRASION RESISTANCE (ASTM D 1044)</u>		
<u>mg/1000 CYCLES</u>		
TABER H-18 WHEEL, 1000g LOAD	35 MAX	28
<u>BAYSHORE RESILIENCE</u>		
% REBOUND	50 MIN	64