



**R.E.A.L. SEAL CO.**  
**MATERIAL DATA SHEET**  
**COMPOUND #RE-90**

<u>ORIGINAL PHYSICAL PROPERTIES</u>	<u>SPEC</u>	<u>RE-90</u>
HARDNESS, SHORE A PTS	90 +/-5	94
ULTIMATE TENSILE STRENGTH, PSI	3500 MIN	5280
ULTIMATE ELONGATION, %	350 MIN	496
MODULUS @ 100%, PSI	-----	1770
MODULUS @ 300% PSI	-----	3014
 <u>COMPRESSION SET (ASTM D 395B)</u>		
<u>22 HRS @ 23C</u>		
% SET	35 MAX	29
 <u>COMPRESSION SET (ASTM D 395B)</u>		
<u>22 HRS @ 70C</u>		
% SET	50 MAX	44
 <u>TEAR STRENGTH (ASTM D624 DIE C)</u>		
PLI	450 MIN	810
 <u>SPECIFIC GRAVITY</u>		
	REPORT	1.14
 <u>ABRASION RESISTANCE (ASTM D 1044)</u>		
<u>Mg/1000 CYCLES</u>		
TABER H-18 WHEEL, 1000 g LOAD	REPORT	55