



R.E.A.L. SEAL CO.
MATERIAL DATA SHEET
COMPOUND #RE-55D

<u>ORIGINAL PHYSICAL PROPERTIES</u>	<u>SPEC</u>	<u>RE-55D</u>
HARDNESS, SHORE D PTS	55 +/-5	53
ULTIMATE TENSILE STRENGTH, PSI	4500 MIN	5872
ULTIMATE ELONGATION, %	350 MIN	461
MODULUS @ 100%, PSI	-----	2964
MODULUS @ 300% PSI	-----	4380
 <u>COMPRESSION SET (ASTM D 395B)</u>		
<u>22 HRS @ 23C</u>		
% SET	45 MAX	40
 <u>COMPRESSION SET (ASTM D 395B)</u>		
<u>22 HRS @ 70C</u>		
% SET	65 MAX	51
 <u>TEAR STRENGTH (ASTM D624 DIE C)</u>		
PLI	650 MIN	1055
 <u>SPECIFIC GRAVITY</u>		
	REPORT	1.16
 <u>ABRASION RESISTANCE (ASTM D 1044)</u>		
<u>Mg/1000 CYCLES</u>		
TABER H-18 WHEEL, 1000 g LOAD	REPORT	75