



R.E.A.L. SEAL CO.
MATERIAL DATA SHEET
COMPOUND #ME-70

<u>ORIGINAL PHYSICAL PROPERTIES</u>	<u>SPEC</u>	<u>ME-70</u>
HARDNESS, SHORE A PTS	70 +/-5	72
ULTIMATE TENSILE STRENGTH, PSI	1450 MIN	3590
ULTIMATE ELONGATION, %	250 MIN	730
MODULUS @ 100%, PSI	-----	440
MODULUS @ 300% PSI	-----	750
 <u>COMPRESSION SET (ASTM D 395B)</u>		
<u>22 HRS @ 23C</u>		
% SET	25 MAX	24
 <u>COMPRESSION SET (ASTM D 395B)</u>		
<u>22 HRS @ 70C</u>		
% SET	85 MAX	75
 <u>TEAR STRENGTH (ASTM D624 DIE C)</u>		
PLI	250 MIN	380
 <u>FLUID AGING (ASTM D471)</u>		
<u>70 HRS @ 100 C IN ASTM OIL #1</u>		
CHANGE IN DURO, PTS	-5 TO +10	-4
CHANGE IN TENSILE, %	-25 MAX	-8
CHANGE IN ELONGATION, %	-45 MAX	+14
CHANGE IN VOLUME, %	-10 TO +5	+3
 <u>FLUID AGING (ASTM D471)</u>		
<u>70 HRS @ 100 C IN ASTM OIL #3</u>		
CHANGE IN DURO, PTS	-5 TO +10	-3
CHANGE IN TENSILE, %	-25 MAX	-9
CHANGE IN ELONGATION, %	-45 MAX	+12
CHANGE IN VOLUME, %	-5 TO +10	+7
 <u>ABRASION RESISTANCE (ASTM D 1044)</u>		
<u>mg/1000 CYCLES</u>		
TABER H-22 WHEEL, 1000 g LOAD	REPORT	4