



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

<u>ORIGINAL PHYSICAL PROPERTIES</u>	<u>SPEC</u>	<u>ME-55D</u>
HARDNESS, SHORE D PTS	55 +/- 5	55
ULTIMATE TENSILE STRENGTH, PSI	6000 MIN	6475
ULTIMATE ELONGATION, %	300 MIN	422
MODULUS @ 50%, PSI	REPORT	1900
MODULUS @ 100%, PSI	REPORT	2450
MODULUS @ 300% PSI	REPORT	4700
<u>COMPRESSION SET (ASTM D 395B)</u>		
<u>22 HRS @ 23C</u>		
% SET	35 MAX	25
<u>COMPRESSION SET (ASTM D 395B)</u>		
<u>22 HRS @ 70C</u>		
% SET	65 MAX	30
<u>TEAR STRENGTH (ASTM D624 DIE C)</u>		
PLI	650 MIN	900
<u>SPECIFIC GRAVITY</u>	REPORT	1.15
<u>ABRASION RESISTANCE (ASTM D 1044)</u>		
<u>Mg/1000 CYCLES</u>		
TABER H-22 WHEEL, 1000 g LOAD	REPORT	80