



**R.E.A.L. SEAL CO.**  
**MATERIAL DATA SHEET**  
**COMPOUND #ME-85**

| <u>ORIGINAL PHYSICAL PROPERTIES</u>          | <u>SPEC</u> | <u>ME-85</u> |
|----------------------------------------------|-------------|--------------|
| HARDNESS, SHORE A PTS                        | 85 +/-5     | 88           |
| ULTIMATE TENSILE STRENGTH, PSI               | 4000 MIN    | 4690         |
| ULTIMATE ELONGATION, %                       | 350 MIN     | 578          |
| MODULUS @ 100%, PSI                          | -----       | 1010         |
| MODULUS @ 300% PSI                           | -----       | 1820         |
| <br><u>COMPRESSION SET (ASTM D 395B)</u>     |             |              |
| <u>22 HRS @ 23C</u>                          |             |              |
| % SET                                        | 45 MAX      | 24           |
| <br><u>COMPRESSION SET (ASTM D 395B)</u>     |             |              |
| <u>22 HRS @ 70C</u>                          |             |              |
| % SET                                        | 85 MAX      | 78           |
| <br><u>TEAR STRENGTH (ASTM D624 DIE C)</u>   |             |              |
| PLI                                          | 250 MIN     | 490          |
| <br><u>ABRASION RESISTANCE (ASTM D 1044)</u> |             |              |
| <u>mg/1000 CYCLES</u>                        |             |              |
| TABER H-22 WHEEL, 1000 g LOAD                | REPORT      | 5            |