



R.E.A.L. SEAL CO.
MATERIAL DATA SHEET
COMPOUND # 2043

| <u>ORIGINAL PHYSICAL PROPERTIES</u> | <u>SPEC</u> | <u>2043</u> |
|---|-------------|-------------|
| HARDNESS, SHORE A PTS | 90 +/-5 | 89 |
| ULTIMATE TENSILE STRENGTH, PSI | 1450 MIN | 1688 |
| ULTIMATE ELONGATION, % | 100 MIN | 152 |
| <u>HEAT RESISTANCE (ASTM D 573)</u> | | |
| <u>70 HRS @ 100 C</u> | | |
| CHANGE IN HARDNESS, PTS | 0 TO +10 | +1 |
| CHANGE IN TENSILE, % | -25 MAX | +6 |
| CHANGE IN ELONGATION, % | -25 MAX | -8 |
| <u>COMPRESSION SET (ASTM D 395B)</u> | | |
| <u>22 HRS @ 100 C</u> | | |
| % SET | 25 MAX | 22 |
| <u>WATER RESISTANCE (ASTM D 471)</u> | | |
| <u>70 HRS @ 100 C</u> | | |
| CHANGE IN HADNESS, PTS | -5 TO +5 | -2 |
| CHANGE IN VOLUME, % | -5 TO +5 | +4 |
| <u>OZONE RESISTANCE (ASTM D 1171)</u> | | |
| RESULTS | REPORT | PASSED |
| <u>LOW TEMPERATURE RESISTANCE (ASTM D 2137)</u> | | |
| <u>3 MIN @ -40</u> | | |
| NON BRITTLE | REPORT | PASSED |
| <u>COLOR</u> | REPORT | PURPLE |
| <u>CURE SYSTEM</u> | REPORT | PEROXIDE |