

TEST REPORT - SILICONE 70

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|-----------------------|---|---------|-------------|
| | | COMP | S7001R |
| | | MFR | 8063 |
| Complies to | ASTM D2000 M7GE705 A19 B37 EA14 EO16 EO36 F19 | | |
| Colour | RED | | |
| Temp range | -60C TO +200C | | |
| | PRESS CURE 170C FOR 10 MINS | | |
| | POST CURE 200C FOR 4 HRS | | |
| Properties | Requirement | | Result |
| | Hardness Shore A | 70 +/-5 | 73 |
| | Tensile Strength MPA | 5.0 | 5.7 |
| | Elongation % | 150 | 266 |
| | Specific Gravity | | 1.292 |
| Heat Resistance | 225C FOR 70 HRS | | |
| | Hardness Change | +10 | +4.0 |
| | Tensile Strength Change | -25 | + 0 |
| | Elongation Change | -30 | -3.0 |
| Compression Set | 175C FOR 22 HRS | 30 | 9 |
| Water Resistance | 100C FOR 70 HRS | | |
| | Hardness Change | +/- 5 | +2.0 |
| | Volume Change | +/- 5 | + 3.0 |
| Fluid Resistance Test | ASTM NO.1 Oil Immersion @ 150C FOR 70 HRS | | |
| | Change in Hardness, Max Points | 0~-15 | -3.0 |
| | Tensile Strength Change % | -20 | -3.0 |
| | Elongation Change % | -20 | -7.0 |
| | Change in Volume | 0~+15 | +4.0 |
| Fluid Resistance Test | ASTM NO.3 Oil Immersion @ 150C FOR 70 HRS | | |
| | Change in Hardness, Max Points | -40 | -5.0 |
| | Change in Volume % | +60 | + 18.0 |
| Low Temp Brittleness | -55 C FOR 3 mins | | NON BRITTLE |

Please note that these results are for reference purposes only and Supaseal makes no warranty, expressed or implied, that parts manufactured from this compound will perform satisfactorily in the customer's application. It is the customers responsibility to test and evaluate parts prior to use.