

RUBBER TEST REPORT

COLOR : BROWN
 MATERIAL : BV7035
 DATE:

Press cure

Sheet : 170 °C 10 min
 Button : °C min

Post cure

Sheet : 235 °C 24 Hr
 Button : °C Hr

Spec.

Original Properties

| | Result |
|------------------------|--------|
| Hardness Shore A | 78 |
| Tensile strength (PSi) | 1710 |
| Elongation, % | 259 |
| Tear resistance kg-cm | 35 |
| Specific Gravity | 2.206 |
| Modulus at 100% (PSi) | 883 |
| Modulus at 200% (PSi) | 1554 |

Oven Air(ASTM D865 A27) 70h/250°C

| | Result |
|---------------------------------|--------|
| Change in hardness, points | 3 |
| Change in tensile strength % | -7 |
| Change in ultimate elongation % | 12 |
| Change in volume % | -3 |

Compression set 22h/175°C

| Result |
|--------|
| 16 |

ASTM oil # 101 EO 70h/200°C

| | Result |
|---------------------------------|--------|
| Change in hardness, points | -10 |
| Change in tensile strength % | -26 |
| Change in ultimate elongation % | 26 |
| Change in volume % | 13 |

ASTM oil # 7700 EO 70h/200°C

| | Result |
|---------------------------------|--------|
| Change in hardness, points | -16 |
| Change in tensile strength % | -23 |
| Change in ultimate elongation % | 16 |
| Change in volume % | 14 |

ASTM Fuel C (EF) 70h/23°C

| | Result |
|---------------------------------|--------|
| Change in hardness, points | -3 |
| Change in tensile strength % | -16 |
| Change in ultimate elongation % | 20 |
| Change in volume % | 3 |