

# Data Sheet: BUTYLE 70

**GENERAL SERVICE TEMPERATURE RANGE:** -50°C to +110°C

**COLOUR:** BLACK

**SPECIFICATION:** ASTM D2000 M3AA708 A13 B13 F17

| Properties                               | Testing method | units | specification | value      |
|------------------------------------------|----------------|-------|---------------|------------|
| <b>PHYSICAL PROPERTIES</b>               |                | ++++  |               |            |
| Hardness shore A                         |                |       | 70±5          | 72         |
| Tensile strength                         |                | Mpa   | 8.0 min       | 10.0       |
| Ultimate elongation                      |                | %     | 200 min       | 388        |
| Specific gravity                         |                |       |               | 1.222      |
| Compression set 22h@70°C                 |                | %     | 50 max        | 14         |
| <b>A13-HEAT AGEING 70h@70°C</b>          |                | ++++  |               |            |
| Hardness change                          |                | Point | ±15           | -1         |
| Tensile strength change                  |                | %     | ±30           | -2         |
| Ultimate elongation change               |                | %     | -50           | -10        |
| <b>LOW TEMPERATURE BRITTLENESS TESTS</b> |                | ++++  |               |            |
| AFTER 3min@-40°C                         |                |       |               | NONBRITTLE |

*The above test results are based on test slabs / buttons. The results from the actual parts may be different.*