

# MATERIAL TEST REPORT

Material Number: 1060-19001

Material Type: NBR 60

Material Colour: BLACK

| PROPERTY            | UNIT              | TEST METHOD  | TEST PARAMETER | VALUE |
|---------------------|-------------------|--------------|----------------|-------|
| Hardness            | IRHD              | ASTM D 1415  | -              | 60 ±5 |
| Tensile Strength    | MPa               | ASTM D 412   | -              | 14,9  |
| Ultimate Elongation | %                 | ASTM D 412   | -              | 336   |
| Specific Gravity    | g/cm <sup>3</sup> | ASTM D 297   | -              | 1,22  |
| Compression Set     | %                 | ASTM D 395 B | 22h / 100°C    | 13    |

## CHANGES OF PROPERTIES AFTER AGING:

| MEDIUM      | TEST METHOD | TIME H | TEMPERATURE °C | HARDNESS POINTS | TENSILE STRENGTH % | ULTIMATE ELONGATION % | VOLUME % |
|-------------|-------------|--------|----------------|-----------------|--------------------|-----------------------|----------|
| Air         | ASTM D 573  | 70     | 100            | +5              | +3                 | -13                   | -        |
| IRM oil 901 | ASTM D 471  | 70     | 100            | +6              | +6                 | -9                    | -7       |
| IRM oil 903 | ASTM D 471  | 70     | 100            | -3              | -4                 | -9                    | +5       |

The above figures are average values and should be considered as guidelines not specifications. While reasonable care has been taken to ensure that this data is representative, Abbey Seals International Ltd does not warrant or otherwise guarantee, expressly or impliedly, the suitability, accuracy, reliability or completeness of the information. We recommend evaluation prior to use to ascertain the suitability of the material for the application.