

Material test report NBR 80

Colour Black

| Property | Unit | Test method | Test parameter | Value |
|---------------------|-------------------|--------------|----------------|-------|
| Hardness | Shore A | ASTM D 2240 | | 80 ±5 |
| Tensile strength | MPa | ASTM D 412 | | 14,9 |
| Ultimate elongation | % | ASTM D 412 | | 347 |
| Specific gravity | g/cm ³ | ASTM D 297 | | 1,30 |
| Compression set | % | ASTM D 395 B | 22h / 100°C | 11 |

Changes of properties after ageing

| Medium | Test method | Time | Temperature | Hardness | Tensile strength | Ultimate elongation | Volume |
|---------------------|-------------|------|-------------|----------|------------------|---------------------|--------|
| | | H | °C | Points | % | % | % |
| Air | ASTM D 573 | 70 | 100 | +2 | +3 | -10 | |
| ASTM IRM oil 901 | ASTM D 471 | 70 | 100 | +0 | -11 | -8 | -3 |
| ASTM IRM oil 903 | ASTM D 471 | 70 | 100 | -7 | -7 | -11 | +10 |

The above indicated data were determined to the best knowledge according to modern laboratory standards on standardised test specimen. If these data are compared with data which were determined on finished parts it may come to variations.