

# Material

## 75 NBR 99004

revision index  
1

revision date  
6/30/2006

page 1 / 2

### Physical properties

|                                                     | required   | actual |                   |
|-----------------------------------------------------|------------|--------|-------------------|
| <b>Density</b><br>DIN EN ISO 1183-1                 | 1.52 ±0.02 | 1.51   | g/cm <sup>3</sup> |
| <b>Hardness</b><br>DIN ISO 7619-1                   | 75 ±5      | 76     | Shore             |
| <b>Tensile strength</b><br>DIN 53504, S2            | ---        | 13.8   | MPa               |
| <b>Elongation at break</b><br>DIN 53504, S2         | ---        | 421    | %                 |
| <b>Compression set</b><br>DIN ISO 815, 22 h, 100 °C | ---        | 45     | %                 |

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## 75 NBR 99004

revision index

1

revision date

6/30/2006

page

2 / 2

**No ASTM D2000 properties available**

Temperature - range: : -40° C to +100° C

**Preferred area of applications: Radial Shaft Seals**

**Very good resistance in motor oils, which are based on mineral oil.**

**Attention !!!**

**In syntetic oils (Polyalkylenglykole / Polyalphaolefine) the max. temperature 80 °C should not be exceeded.**

The given values are based on a limited number of tests on standard test pieces (2mm sheets) produced in the laboratory. The data from finished parts can deviate from above values depending on the manufactories process and the component geometry.

The data represents our present empirical values. It is incumbent on the person placing the order to examine whether it is suitable for its intended purpose, before using the product. All questions regarding the guarantee of this product are in line with our terms and conditions, inasmuch as statutory provisons do not plan for something else.