

# Material

## 75 NBR 99004

black

**revision index**

1

**revision date**

6/30/2006

**page**

1 / 2

### Physical properties

	<b>nominal range</b>	<b>typical values</b>	
<b>Density</b> DIN EN ISO 1183-1	1.52 ±0.02	1.51	g/cm <sup>3</sup>
<b>Hardness</b> DIN ISO 7619-1	75 ±5	76	Shore
<b>Tensile strength</b> DIN 53504, S2	---	13.8	MPa
<b>Elongation at break</b> DIN 53504, S2	---	421	%
<b>Compression set</b> DIN ISO 815, 22 h, 100 °C	---	45	%
<b>Temperature range</b>	-40°C to 100°C		

### Declarations of conformity

	<b>Country</b>	<b>Part</b>	<b>Remark</b>	<b>Expires</b>	<b>unlimited</b>
RoHS conform			including EU 2011/65 and EU2015/863 (ROHS III)		<input checked="" type="checkbox"/>

### Freudenberg

Freudenberg FST GmbH  
Global Material Technology  
Daniel Danzer  
Telefon: +49 6201 80 2182  
Fax: +49 6201 88 2182  
Email: Daniel.Danzer@fst.com

## Material 75 NBR 99004

black

**revision index**

1

**revision date**

6/30/2006

**page**

2 / 2

### No ASTM D2000 properties available

Preferred area of applications: Radial Shaft Seals

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

Attention !!!

In synthetic 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 provisions do not plan for something else.

### Freudenberg

Freudenberg FST GmbH  
Global Material Technology  
Daniel Danzer

Telefon: +49 6201 80 2182

Fax: +49 6201 88 2182

Email: Daniel.Danzer@fst.com