



## **JS 102**

It can work between -55 ° C and 210 ° C. Shore A 85 +/- 5 hardness. Flange seals, gaskets and other used in felts. Resistant to mineral oils, HFA, HFB, HFC, HFD fluids and ozone. Dynamic not recommended for applications. It is suitable for food production.

### **PHYSICAL CHARACTERISTICS**

Operating Temperature Celcius -55 to +210

Density DIN 53479 g / cm<sup>3</sup> 1,525 ± 0,03

Hardness DIN53505 23 ° C 85 ± 5

100% Module DIN 53504 N / mm<sup>2</sup> 6,8

Tensile Strength DIN 53504 N / mm<sup>2</sup> 7.7

Elongation at Break DIN 53504 121.1%

Tear Strength DIN 53515 kN / m 24.2

Resilience to Return DIN 53512 50%

Compression DIN 53515 4.4% (24h, 70 ° C, 25%)

Compression DIN 53515 4.1% (24h, 100 ° C, 25%)

Compression DIN 53515 10.2% (24h, 175 ° C, 25%)

### **CHEMICAL PROPERTIES**

Chemical Resistant Areas

Water resistant up to 90 ° C, steam below 120 ° C, HFA fluids, HFB fluids, HFC fluids, HFD-R liquids, HFD-S liquids, vegetable oils, ozone, oxygen, resistant up to 200 ° C hot air

Non Chemical Resistant Areas

Silicone oils, with fuel