



JS 103

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 +180

Density DIN 53479 g / cm³ 1,54 ± 0,03

Hardness DIN53505 23 ° C - Shore A 85 ± 5

100% Module DIN 53504 N / mm² 6,1

Tensile Strength DIN 53504 N / mm² 7,5

Elongation at Break DIN 53504 117.3%

Tear Strength DIN 53515 kN / m 24.8

Resilience to Return DIN 53512 39%

Compression DIN 53517 3.6% (24h, 70 ° C, 25%)

Compression DIN 53517 4.8% (24h, 100 ° C, 25%)

Compression DIN 53517 10.8% (22s, 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, fuels