JFKM 110

It is a brown Fluorocarbon elastomer commonly called VITON and FPM. FPM materials with a very high resistance to hydraulic fluids, chemicals and a range of organic compounds has. Recommended for temperatures between -25 and + 210 ° C. Heat, chemicals, weather and resistance to ozone is required. Approved for use in applications in contact with foodstuffs.

PHYSICAL CHARACTERISTICS

Operating Temperature Celsius -25 to +2100

Density DIN 53479 g / cm^3 2.45 ± 0.03

Hardness DIN53505 23 ° C Shore A 85 ± 5

100% Module DIN 53504 N / mm^2 6,3

Tensile Strength DIN 53504 N / mm^2 8,5

Elongation at Break DIN 53504 208.1%

Tear Strength ISO 34-1 B N / mm 16

Resilience to Return DIN 53512 8%

Compression DIN 53515 7.6% (24h, 70 ° C, 25%)

Compression DIN 53515 7.3% (24h, 100 ° C, 25%)

Compression DIN 53515 12.3% (24h, 175 ° C, 25%)

CHEMICAL PROPERTIES

Chemical Resistant Areas

Hfa, Hfb, Hfc liquids, Hfd-S, r liquids, Mineral oils, vegetable oils, silicone oils, Biologically degradable Oils, Hydrocarbons, Alcohols, Diesel, Gasoline, Fuels, Ozone,

Oxygen, air up to 200 ° C

Non Chemical Resistant Areas

Steam