

JH-NBR 900

It is black hydrogenated acrylonitrile-butadiene-rubber, excellent physical properties to most common hydraulic fluids

and chemical resistance shows in oils / gases (H2S) and crude oils. Fast gas decompression (rgd) or

Optimized to withstand explosive risk. An important demand in the oil and gas industry

what is decompression (ED).

PHYSICAL CHARACTERISTICS

Working Temperature Celcius -20 to +150

Density DIN 53479 g / cm³ 1.31 ± 0.03

Hardness DIN53505 23 ° C Shore A 86 ± 5

100% Module DIN 53504 N / mm² 7,5

Tensile Strength DIN 53504 N / mm² 19.9

Elongation at Break DIN 53504 236.7%

Tear Strength ISO 34-1 B N / mm 16,6

Resilience to Return DIN 53512 25%

Compression DIN 53515 13.7% (24h, 70 ° C, 25%)

Compression DIN 53515 11.5% (24h, 100 ° C, 25%)

Compression DIN 53515 19.1% (24h, 150 ° C, 25%)

CHEMICAL PROPERTIES

Chemical Resistant Areas

Up to 90 ° C water, Hfa, HFB, Hfc fluids, vegetable oils, silicone oils, biodegradable

oils, diesel fuel, gasoline fuel, Mineral oils, air up to 80 ° C

Non Chemical Resistant Areas

Steam up to 140 ° C, acetone