

Data Sheet: HNBR 70 FDA

GENERAL SERVICE TEMPERATURE RANGE: -30°C to +150°C

Physical properties	Nominal	Units
Hardness ASTM D 2240, 23°C	70-75	Shore A
Tensile strength ASTM D 412, 23°C	> 102	Kg/cm ²
Elongation at break ASTM D 412, 23°C	> 250	%
Compression set ASTM D 395, 150°C, 22 h, 25 %	< 30	%
Air Ageing ASTM D 573, 150°C, 70 h		
Hardness Change	<(+15)	Points
Tensile Change	<(-25)	%
Elongation Change	<(-50)	%
Fluid Resistance, IRM-903 ASTM D 471, 150°C, 70 h		
Volume Change	0 to +25	%
Operating Temperature	-30 to 150	°C

The above test results are based on test slabs / buttons. The results from the actual parts may be different.