



Manufacturer of Seals for Hydraulic, Pneumatic and Rotary applications

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Material : Fluoroelastomer

Spareage Code : AFL-2B

Revision date : 11/05/2015

Physical properties	nominal	actual	units
Hardness BS 903 A 26, 23 °C	70-75	72	Shore A
Tensile strength BS 903 A 2, 23 °C	> 102	132.7	Kg/Cm ²
Elongation at break BS 903 A 2, 23 °C	> 175	290	%
Compression set BS 903 A 6, 200 °C, 22 h, 25 %	<20	17.2	%
Air Ageing BS 903 A 19, 200 °C, 70 h			
Hardness Change	<(+10)	+1	Points
Tensile Change	<(-25)	-3.5	%
Elongation Change	<(-25)	-6.2	%
Fluid Resistance, Astm Oil-3 BS 903 A 16, 150 °C, 70 h			
Hardness Change	-15 to +5	-4	Points
Tensile Change	0 to -40	-16.4	%
Elongation Change	0 to -20	-3.7	%
Volume Change	0 to +15	+2.85	%
Specific Gravity BS 903 A 1, 23 °C	---	1.994	Gm/cc
Ash Content 800°C, 2 Hrs	---	4.12	%