



Manufacturer of Seals for Hydraulic, Pneumatic and Rotary applications

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Material : Chloroprene Rubber

Spareage Code : NP 4B

Revision date : 01/04/2015

Physical properties	nominal	actual	units
Hardness BS 903 A 26, 23 °C	70-75	72	Shore A-2
Tensile strength BS 903 A 2, 23 °C	> 142.8	170	Kg/Cm ²
Elongation at break BS 903 A 2, 23 °C	> 300	480	%
Compression set BS 903 A 6, 100 °C, 22 h, 25 %	< 45	25.5	%
Air Ageing BS 903 A 19, 100 °C, 70 h			
Hardness Change	<(+15)	+2	Points
Tensile Change	<(-15)	-11.7	%
Elongation Change	<(-40)	-16.6	%
Fluid Resistance, ASTM Oil-1 BS 903 A 16, 100 °C, 70 h			
Hardness Change	<(±10)	+2	Points
Tensile Change	<(-30)	-8.82	%
Elongation Change	<(-30)	-12.5	%
Volume Change	-10 to+5	-4.30	%
Specific Gravity BS 903 A 1, 23 °C	---	1.344	Gm/cc
Ash Content 800°C, 2 Hrs	---	7.10	%