

Material : Fluorocarbon Viton Rubber

Compound : V721F1

Revision date : 01/04/2015

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	140	Kg/Cm ²
Elongation at break BS 903 A 2, 23 °C	> 175	300	%
Compression set BS 903 A 6, 200 °C, 22 h, 25 %	< 40	25	%
Air Ageing BS 903 A 19, 250 °C, 70 h			
Hardness Change	<(+10)	+2	Points
Tensile Change	<(-25)	-12.5	%
Elongation Change	<(-25)	-14.2	%
Fluid Resistance, Liquid-101 BS 903 A 16, 200 °C, 70 h			
Hardness Change	-15 to +5	-4	Points
Tensile Change	0 to -40	-25	%
Elongation Change	0 to -20	-10	%
Volume Change	0 to +15	6.2	%
Specific Gravity BS 903 A 1, 23 °C	---	1.887	Gm/cc
Ash Content 800°C, 2 Hrs	---	7.10	%