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Viton 80

Material : Fluorocarbon Viton Rubber (FKM)

Physical properties	Nominal	Units
Hardness ASTM D 2240, 23°C	80-85	Shore A
Tensile strength ASTM D 412, 23°C	> 102	Kg/cm ²
Elongation at break ASTM D 412, 23°C	> 150	%
Compression set ASTM D 395, 200°C, 22 h, 25 %	< 40	%
Air Ageing ASTM D 573, 250°C, 70 h		
Hardness Change	<(+10)	Points
Tensile Change	<(-25)	%
Elongation Change	<(-25)	%
Fluid Resistance, Liquid-101 ASTM D 471, 200°C, 70 h		
Hardness Change	-15 to +5	Points
Tensile Change	0 to -40	%
Elongation Change	0 to -40	%
Volume Change	0 to +15	%
Fluid Resistance, Reference Fuel C ASTM D 471, 23°C, 70 h		
Hardness Change	± 5	Points
Tensile Change	<(-25)	%
Elongation Change	<(-20)	%
Volume Change	0 to +10	%
Service Temperature	-30 to 220	°C