

Material : Fluorocarbon Viton Rubber (FKM) MAX SPARE Code : VT 70

Physical properties Nominal Units Hardness 70-75 Shore A ASTM D 2240, 239C - Kg/cm ² Tensile strength > 102 Kg/cm ² ASTM D 412, 239C - - Elongation at break > 175 % ASTM D 412, 239C - - Compression set < 40 % ASTM D 385, 200°C, 02 h, 25 % - - AIr Ageing - - ASTM D 573, 250°C, 70 h - - Hardness Change <(-410) Points Tensile Change <(-25) % Elongation Change <(-25) % Elongation Change <(-25) % Fluid Resistance, Liquid-101 - - ASTM D 471, 20°C, 70 h - - Hardness Change 0 to -40 % Coupe Change 0 to -40 % Volume Change 0 to +15 % Hardness Change 10 to -40 % Tensile Change 10 to +15 % Tensile Change 10 to +15 % Volume Change 10 to +15 % Fluid Resistance, Reference Fuel C %			
ASTM D 2240, 23°CKg/cm²Tonsile strength> 102Kg/cm²ASTM D 412, 23°C> 175%Elongation at break> 175%ASTM D 412, 23°C40%Compression set< 40	Physical properties	Nominal	Units
Fonsile strength> 102Kg/cm²ASTM D 412, 23%C> 175%Elongation at break> 175%ASTM D 412, 23%C%Compression set< 4.0	Hardness	70-75	Shore A
ASTM D 412, 23°C > 175 % Elongation at break > 175 % ASTM D 412, 23°C - - Compression set < 40	ASTM D 2240, 23°C		
Elongation at break> 175%ASTM D 412, 23°C< 40	Tensile strength	> 102	Kg/cm ²
ASTM D 412, 23°C < 40	ASTM D 412, 23°C		
Compression set< 40%ASTM D 395, 200°C, 22 h, 25 %Air AgeingASTM D 573, 250°C, 70 hHardness Change<(+10)	Elongation at break	> 175	%
ASTAD 395, 200°C, 22 h, 25 % Air Ageing ASTM D 573, 250°C, 70 h Hardness Change <(+10)	ASTM D 412, 23°C		
Air AgeingASTM D 573, 250°C, 70 hHardness Change<(+10)	Compression set	< 40	%
ASTM D 573, 250°C, 70 hHardness Change<(+10)	ASTM D 395, 200°C, 22 h, 25 %		
Hardness Change<PointsTensile Change<	Air Ageing		
Tensile Change<(-25)%Elongation Change<(-25)	ASTM D 573, 250°C, 70 h		
Elongation Change<Fluid Resistance, Liquid-101ASTM D 471, 200°C, 70 hHardness Change-15 to +5PointsTensile Change0 to -40%Elongation Change0 to -40%Volume Change0 to +15%Fluid Resistance, Reference Fuel C%ASTM D 471, 23°C, 70 h± 5PointsItensile Change± 5PointsTensile Change<(-25)	Hardness Change	<(+10)	Points
Fluid Resistance, Liquid-101 ASTM D 471, 200°C, 70 h Hardness Change -15 to +5 Tensile Change 0 to -40 Elongation Change 0 to -40 Volume Change 0 to +15 Fluid Resistance, Reference Fuel C X ASTM D 471, 23°C, 70 h ±5 Points Points Itensile Change ± 5 Points Resistance Itensile Change <<<25)	Tensile Change	<(-25)	%
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) %	Elongation Change	<(-25)	%
Hardness Change-15 to +5PointsTensile Change0 to -40%Elongation Change0 to -40%Volume Change0 to +15%Fluid Resistance, Reference Fuel CASTM D 471, 23°C, 70 h± 5PointsHardness Change<(-25)	Fluid Resistance, Liquid-101		
Tensile Change0 to -40%Elongation Change0 to -40%Volume Change0 to +15%Fluid Resistance, Reference Fuel C%ASTM D 471, 23°C, 70 h± 5PointsHardness Change± 5PointsTensile Change<(-25)	ASTM D 471, 200°C, 70 h		
Elongation Change0 to -40%Volume Change0 to +15%Fluid Resistance, Reference Fuel CASTM D 471, 23°C, 70 h*Yolume SHardness Change± 5PointsTensile Change<(-25)	Hardness Change	-15 to +5	Points
Volume Change0 to +15%Fluid Resistance, Reference Fuel CASTM D 471, 23°C, 70 hHardness Change± 5PointsTensile Change<(-25)	Tensile Change	0 to -40	%
Fluid Resistance, Reference Fuel C ASTM D 471, 23°C, 70 h Hardness Change ± 5 Tensile Change <(-25)	Elongation Change	0 to -40	%
ASTM D 471, 23°C, 70 h Hardness Change ±5 Points Tensile Change <(-25) % Elongation Change <(-20) % Volume Change 0to +10 %	Volume Change	0 to +15	%
Hardness Change± 5PointsTensile Change<(-25)	Fluid Resistance, Reference Fuel C		
Tensile Change<(-25)%Elongation Change<(-20)	ASTM D 471, 23°C, 70 h		
Elongation Change<(-20)%Volume Change0 to +10%	Hardness Change	± 5	Points
Volume Change 0 to +10 %	Tensile Change	<(-25)	%
-	Elongation Change	<(-20)	%
Service Temperature	Volume Change	0 to +10	%
	Service Temperature	-30 to 220	°C

Disclaimer

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