

## Material : Fluorocarbon Viton Rubber (FKM) MAX SPARE Code : VT 85 - GLT

Tensile strength A STM D 412, 23°C1> 100Kg/cm²Elongation at break A STM D 412, 23°C1> 100%Compression set A TM D 395, 200°C, 22 h, 25 %1< 25			
ASTM D 2240, 29°C Tonsile strength A 140 Kg/m <sup>2</sup> ASTM D 12, 29°C Elongation at break A 26 A 900 Kg/m 2000 ASTM D 12, 23°C Compression set A 26 Kg/m 2000 ASTM D 325, 20°C, 22 h, 25 kg/m 2000 ASTM D 355, 20°C, 22 h, 25 kg/m 2000 A 54 M 2055, 20°C Kg/m 2000 A 54 M 2055, 20°C Kg/m 2000 A 54 M 2055, 20°C Kg/m 2000 A 54 M 2050, 20°C Kg/m 2000 A 54 M 2000 A 54	Physical properties	Nominal	Units
Tonsile strength> 140Kg/cm²ASTM D412, 23%C> 100%Gompession set< 25	Hardness	85-90	Shore A
ASTM D 412, 29°C Engation a break 3 100 ASTM D 412, 23°C Compression set 4 Compression set 4 Argoing ASTM D 395, 20°C, 22 h, 25 % Ar Agoing ATM D 573, 25°C, 70 h Hardness Change 4(10) Points Total Change 4(10) Points Total Change 4(10) Points Total Change 4(25) Points Hardness Change 100 Argoing 15 h 51 Points Hardness Change 101 Argoing 15 h 51 Points Hardness Change 101 Argoing 101 Argoing 101 Argoing 101 Argoing 101 Argoing 101 Argoing 101 Argoing 101 Argoing 101 Argoing 11 Argoing 11 A	ASTM D 2240, 23°C		
Flongation at break       > 100       %         ASTM D 412, 23°C           Compression set       < 25	Tensile strength	> 140	Kg/cm <sup>2</sup>
A STM D 412, 23°C Compression set Compression	ASTM D 412, 23°C		
Compression set<25%ACTM D 305, 200°C, 22 h, 25 %Ari AgeingAri AgeingASTM D 573, 250°C, 70 hHardness Change1 fardness Change1 farle Change1 farle Change1 farle Schange1 farle Statuce, Liquid-101ASTM D 471, 200°C, 70 h1 farleness Change15 to +51 farleness Change0 to -401 farleness Change0 to -401 farleness Change0 to -401 farleness Change0 to -411 farleness Change0 to +151 farleness Change15 to +151 farleness Change0 to +151 farleness Change0 to +131 farleness Change15 to +151 farleness Change16 t	Elongation at break	> 100	%
ASTA D 395, 200°C, 22 h, 25 %         Air Ageing         ASTM D 573, 250°C, 70 h         Hardness Change       <(+10)	ASTM D 412, 23°C		
Air Ageing ASTM D 573, 250°C, 70 h Hardness Change <(+10) Poins Tonsile Change <(-25) % Elongation Change <(-25) % Fuid Resistance, Liquid-101 ASTM D 471, 200°C, 70 h Hardness Change <15 to +5 Poins Tonsile Change <15 to +3 Poins Tonsile Change <10 to -40 % 10 to -40 % No to +10 % Hardness Change Fuid Resistance, Reference Fuel C ASTM D 471, 23°C, 70 h Hardness Change <15 M Astm D 471, 23°C, 70 h Hardness Change <16 M Astm D 471, 23°C, 70 h Hardness Change <17 M Astm D 471, 23°C, 70 h Hardness Change <18 M Astm D 471, 23°C, 70 h Hardness Change <18 M Astm D 471, 23°C, 70 h Hardness Change <18 M Astm D 471, 23°C, 70 h Hardness Change <19 M Astm D 471, 23°C, 70 h Hardness Change <18 M Astm D 471, 23°C, 70 h Hardness Change <19 M Astm D 471 M Astm D	Compression set	< 25	%
ASTM D 573, 250°C, 70 h Ardness Change <(410) Points Tensile Change <(-25) % A Classiance, Liquid-101 ASTM D 471, 20°C, 70 h Astm D 471, 20°C, 70 h Ardness Change 15 to +5 Points Arguide Change 0 to -40 % A classiance, Reference Fuel C Astm D 471, 23°C, 70 h Arguide Change 45 Points Arguide Schange $\pm$ Points Arguide	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-101ASTMD 471, 200°C, 70 hHardness Change-15 to +5PointsTensile Change0 to -40%Clongation Change0 to -40%Volume Change0 to +15%Fluid Resistance, Reference Fuel C-%ASTMD 471, 23°C, 70 h± 5PointsHardness Change± 5PointsInsile Change<	Hardness Change	<(+10)	Points
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± 5PointsTensile Change-%Tensile Change-%10 to -40%%20 to -40%%10 to -40%% <td>Tensile Change</td> <td>&lt;(-25)</td> <td>%</td>	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 -40 % Volume Change 0 to +15 % Flaid Resistance, Reference Fuel C ASTM D 471, 23°C, 70 h Hardness Change ±5 Points Tensile Change <(-25) %	Elongation Change	<(-25)	%
Hardness Change-15 to +5PointsTensile Change0 to -40%Elongation Change0 to -40%Volume Change0 to +15%Fluid Resistance, Reference Fuel CKarth D 471, 23°C, 70 hHardness Change± 5PointsTensile Change<(-25)	Fluid Resistance, Liquid-101		
Tensile Change0 to -40%Elongation Change0 to -40%Volume Change0 to +15%Flid Resistance, Reference Fuel CASTM D 471, 23°C, 70 h± 5PointsTensile Change<(-25)	ASTM D 471, 200°C, 70 h		
Elongation Change0 to -40%Volume Change0 to +15%Fluid Resistance, Reference Fuel CYASTM D 471, 23°C, 70 h± 5PointsHardness 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       Points         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	0 to +15	%
Hardness Change± 5PointsTensile Change<(-25)	Fluid Resistance, Reference Fuel C		
Tensile Change<(-25)%Elongation Change<(-20)	ASTM D 471, 23ºC, 70 h		
Elongation Change <(-20) %	Hardness Change	± 5	Points
	Tensile Change	<(-25)	%
Volume Change 0 to +10 %	Elongation Change	<(-20)	%
	Volume Change	0 to +10	%
Service Temperature -40 to 220 °C	Service Temperature	-40 to 220	°C

## Disclaimer

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