



EUROPE SEALS BV

Test Report

Material: FPM 75 Green (Dupont Viton)

Specification: ASTM D2000 M2HK710 A1-10 B38 C12 EF31EO78 Z1=75+/-5 Duro

<u>Original Properties:</u>	Required	Result	Test Method
Hardness Change, pts, Short A	75±5	73	
Tensile Strength, Min, psi	1450	1495	
Elongation, Min, %	175	210	
Specific Gravity		1.95	
A1-10 <u>Heat Resistance: 70 H @ 250 °C</u>			
Change in Hardness, Max, pts	+10	+ 3	
Change in Tensile Strength, Max, %	-25	+ 2	
Change in Ultimate Elongation, Max, %	-25	- 7	
B38 <u>Compression Set: 22 H @ 200 °C</u>	50	19	
EF31 <u>Fuel C Resistance: 70 H @ 23°C</u>			
Change in Hardness, Max, pts	+/-5	- 2	
Change in Tensile Strength, Max, %	-25	-17	
Change in Ultimate Elongation, Max, %	-20	- 5	
Change in Volume, Max, %	0~+10	+ 4	
EO78 <u>#101 Oil Resistance: 70 H @ 200°C</u>			
Change in Hardness, Max, pts	-15 ~+5	- 8	
Change in Tensile Strength, Max, %	-40	-22	
Change in Ultimate Elongation, Max, %	-20	-13	
Change in Volume, Max, %	0 ~+15	+13	

Please note the above test results are obtained from test slabs/buttons, the results on actual part will be different.

2005-1-3/gf